

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130533.D
 Acq On : 05 Oct 2022 17:04
 Operator : CG\JU
 Sample : N4960-01MSD 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD

Quant Time: Oct 06 01:11:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	74627	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	275188	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	125030	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	191082	20.000	ng	0.00
76) Chrysene-d12	13.780	240	185675	20.000	ng	0.00
86) Perylene-d12	15.168	264	155738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	88660	20.606	ng	0.00
7) Phenol-d6	6.275	99	111116	20.640	ng	0.00
23) Nitrobenzene-d5	7.198	82	68349	12.689	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	21535	17.975	ng	0.00
45) 2-Fluorobiphenyl	8.986	172	120450	14.028	ng	0.00
79) Terphenyl-d14	12.727	244	116064	10.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.222	88	17097	8.652	ng	# 93
3) Pyridine	2.922	79	38822	7.531	ng	99
4) n-Nitrosodimethylamine	2.846	42	22212	7.923	ng	# 92
6) Aniline	6.292	93	32290	4.868	ng	# 31
8) 2-Chlorophenol	6.416	128	49403	10.080	ng	96
9) Benzaldehyde	6.181	77	24943	6.917	ng	92
10) Phenol	6.287	94	59210	9.385	ng	94
11) bis(2-Chloroethyl)ether	6.369	93	46443	10.206	ng	92
12) 1,3-Dichlorobenzene	6.569	146	52913	9.811	ng	97
13) 1,4-Dichlorobenzene	6.651	146	54281	9.870	ng	95
14) 1,2-Dichlorobenzene	6.798	146	51178	9.962	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.916	45	61315	9.238	ng	83
17) 2-Methylphenol	6.898	107	41395	10.390	ng	92
18) Hexachloroethane	7.139	117	19513	9.001	ng	97
19) n-Nitroso-di-n-propyla...	7.045	70	34105	9.388	ng	97
20) 3+4-Methylphenols	7.057	107	47838	9.243	ng	# 54
22) Acetophenone	7.045	105	72149	10.724	ng	# 84
24) Nitrobenzene	7.216	77	49899	9.123	ng	92
25) Isophorone	7.457	82	86966	10.017	ng	94
26) 2-Nitrophenol	7.534	139	23258	10.373	ng	99
27) 2,4-Dimethylphenol	7.581	122	39464	11.431	ng	98
28) bis(2-Chloroethoxy)met...	7.675	93	54811	11.212	ng	96
29) 2,4-Dichlorophenol	7.781	162	34807	9.201	ng	98
30) 1,2,4-Trichlorobenzene	7.857	180	39108	9.562	ng	95
31) Naphthalene	7.934	128	142319	10.038	ng	99
32) Benzoic acid	7.692	122	12301	4.608	ng	89
33) 4-Chloroaniline	7.992	127	24836	4.606	ng	95
34) Hexachlorobutadiene	8.051	225	25025	9.574	ng	97
35) Caprolactam	8.333	113	10621	9.793	ng	# 81
36) 4-Chloro-3-methylphenol	8.486	107	36996	8.823	ng	98
37) 2-Methylnaphthalene	8.628	142	86274	9.544	ng	98
38) 1-Methylnaphthalene	8.722	142	80928	9.320	ng	98
40) 1,2,4,5-Tetrachloroben...	8.792	216	35971	10.542	ng	99
41) Hexachlorocyclopentadiene	8.775	237	5266	2.883	ng	96
43) 2,4,6-Trichlorophenol	8.910	196	21420	8.995	ng	95
44) 2,4,5-Trichlorophenol	8.957	196	22997	8.949	ng	98

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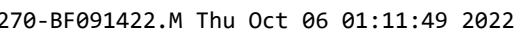
Instrument :
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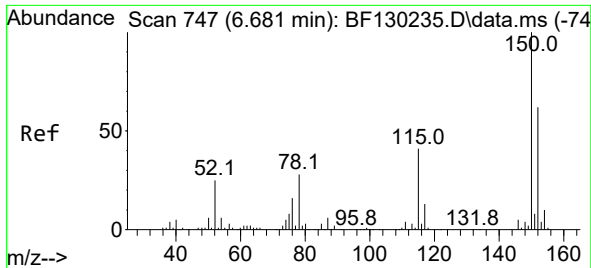
Quant Time: Oct 06 01:11:45 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.092	154	103569	11.091	ng	95
47) 2-Chloronaphthalene	9.110	162	76336	10.106	ng	99
48) 2-Nitroaniline	9.216	65	22753	9.031	ng	98
49) Acenaphthylene	9.522	152	113270	10.001	ng	99
50) Dimethylphthalate	9.392	163	88603	10.259	ng	99
51) 2,6-Dinitrotoluene	9.457	165	18064	10.001	ng	# 84
52) Acenaphthene	9.698	154	68460	9.200	ng	98
53) 3-Nitroaniline	9.627	138	13659	6.787	ng	94
54) 2,4-Dinitrophenol	9.745	184	3883	9.907	ng	96
55) Dibenzofuran	9.869	168	102425	9.896	ng	97
56) 4-Nitrophenol	9.816	139	16301	11.120	ng	94
57) 2,4-Dinitrotoluene	9.857	165	22125	9.585	ng	98
58) Fluorene	10.210	166	82537	9.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.992	232	16136	8.022	ng	95
60) Diethylphthalate	10.086	149	84041	9.704	ng	99
61) 4-Chlorophenyl-phenyle...	10.204	204	36305	9.777	ng	98
62) 4-Nitroaniline	10.233	138	16221	8.023	ng	94
63) Azobenzene	10.363	77	76424	8.570	ng	97
65) 4,6-Dinitro-2-methylph...	10.269	198	4311	4.053	ng	92
66) n-Nitrosodiphenylamine	10.322	169	66081	10.349	ng	98
67) 4-Bromophenyl-phenylether	10.692	248	20751	9.844	ng	96
68) Hexachlorobenzene	10.751	284	22494	9.414	ng	# 88
69) Atrazine	10.851	200	20827	11.161	ng	98
70) Pentachlorophenol	10.957	266	14741	11.495	ng	97
71) Phenanthrene	11.169	178	151821	14.152	ng	98
72) Anthracene	11.222	178	119325	11.526	ng	98
73) Carbazole	11.380	167	98709	10.565	ng	98
74) Di-n-butylphthalate	11.716	149	159512	14.157	ng	98
75) Fluoranthene	12.351	202	236005	22.766	ng	99
77) Benzidine	12.486	184	36284	6.732	ng	96
78) Pyrene	12.580	202	237987	14.652	ng	98
80) Butylbenzylphthalate	13.210	149	56917	9.459	ng	94
81) Benzo(a)anthracene	13.768	228	196616	15.918	ng	98
82) 3,3'-Dichlorobenzidine	13.739	252	27370	8.140	ng	99
83) Chrysene	13.804	228	172852	14.738	ng	99
84) Bis(2-ethylhexyl)phtha...	13.768	149	86910	12.609	ng	97
85) Di-n-octyl phthalate	14.380	149	149706	14.201	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.480	276	103609	9.381	ng	97
88) Benzo(b)fluoranthene	14.780	252	185267	18.226	ng	98
89) Benzo(k)fluoranthene	14.804	252	141397	14.141	ng	99
90) Benzo(a)pyrene	15.110	252	138026	17.140	ng	98
91) Dibenzo(a,h)anthracene	16.498	278	71525	7.895	ng	97
92) Benzo(g,h,i)perylene	16.880	276	85100	9.324	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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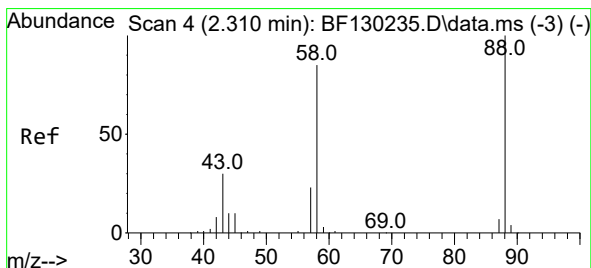
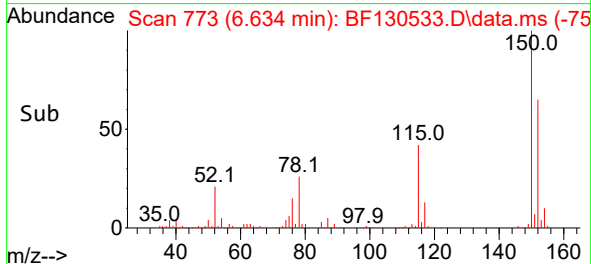
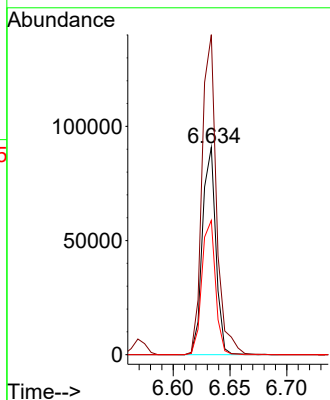
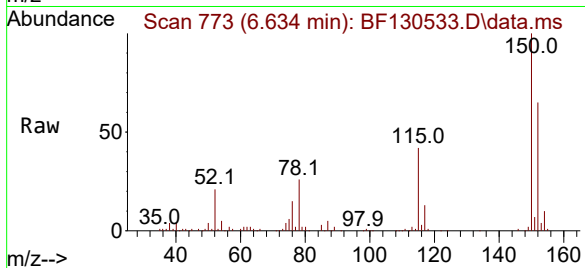




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

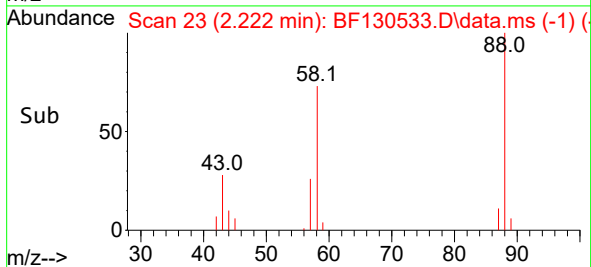
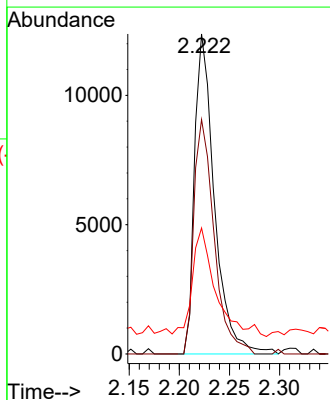
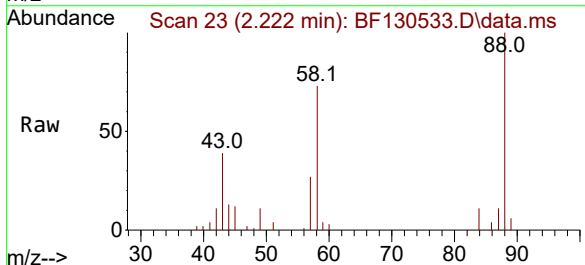
Instrument :
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 PAT-01-100322MSD

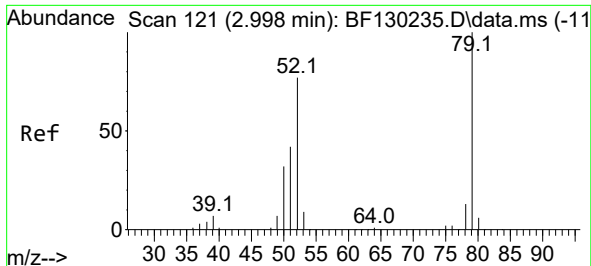
Tgt Ion:152 Resp: 74627
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.8 184.2
 115 64.7 53.8 80.8



#2
 1,4-Dioxane
 Concen: 8.652 ng
 RT: 2.222 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

Tgt Ion: 88 Resp: 17097
 Ion Ratio Lower Upper
 88 100
 58 74.5 61.3 91.9
 43 39.6 23.0 34.6#

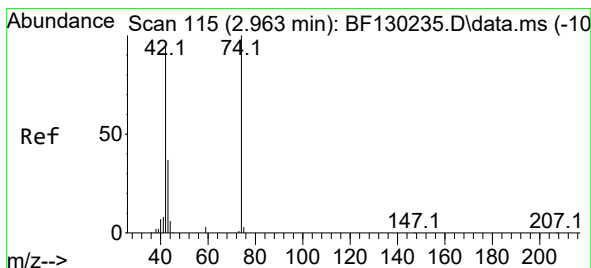
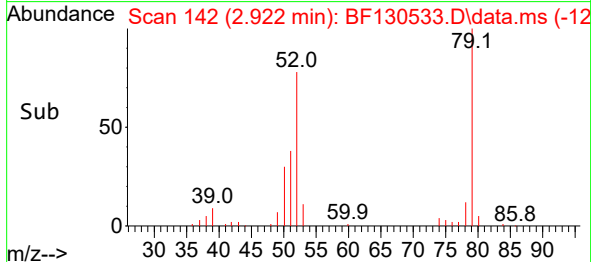
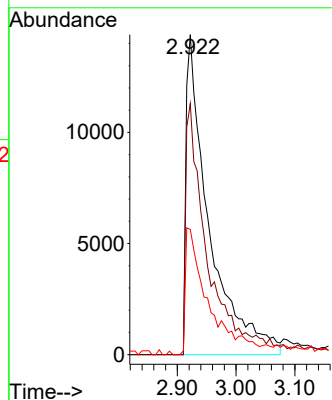
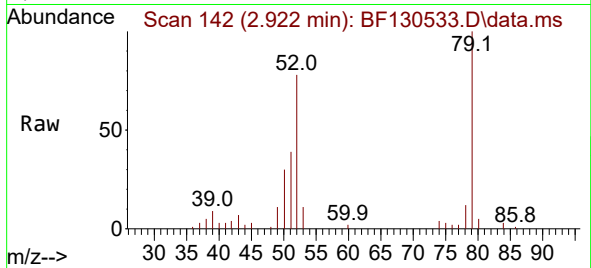




#3
 Pyridine
 Concen: 7.531 ng
 RT: 2.922 min Scan# 14
 Delta R.T. 0.029 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

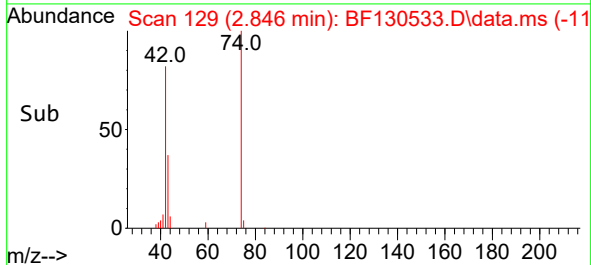
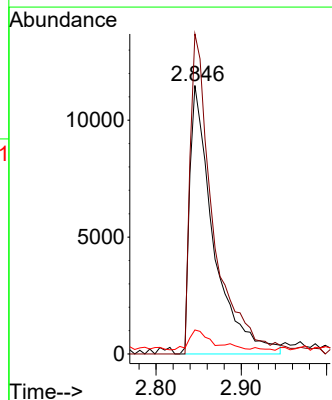
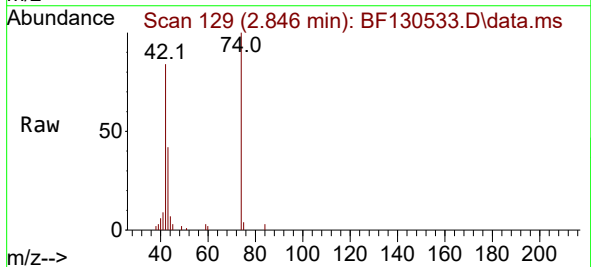
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 ClientSampleId :
 PAT-01-100322MSD

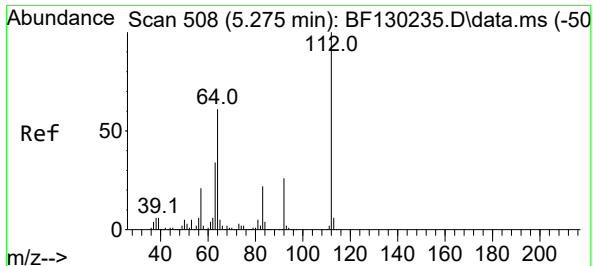
Tgt Ion: 79 Resp: 38822
 Ion Ratio Lower Upper
 79 100
 52 78.4 62.4 93.6
 51 39.2 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 7.923 ng
 RT: 2.846 min Scan# 129
 Delta R.T. -0.012 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

Tgt Ion: 42 Resp: 22212
 Ion Ratio Lower Upper
 42 100
 74 119.2 88.4 132.6
 44 8.9 5.0 7.4#

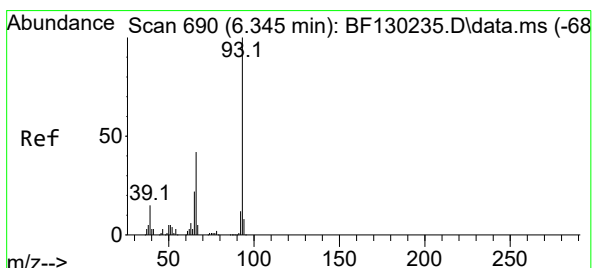
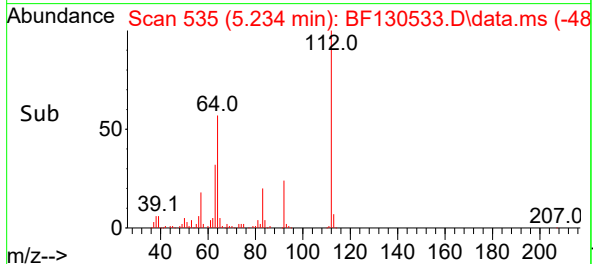
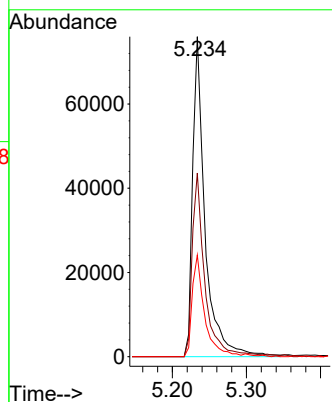
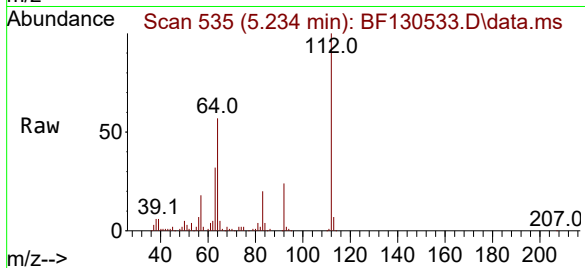




#5
2-Fluorophenol
Concen: 20.606 ng
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

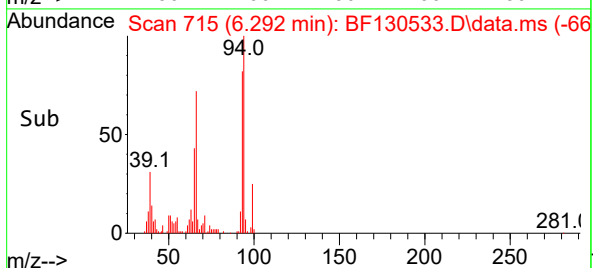
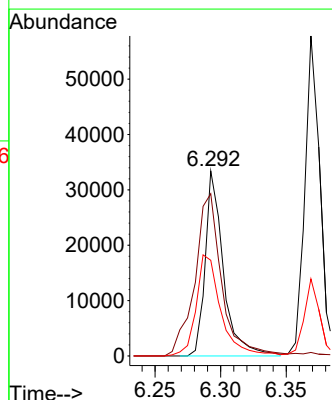
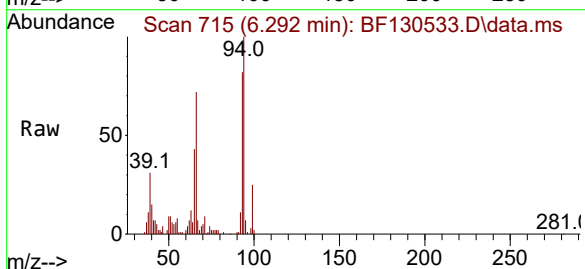
Instrument :
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ClientSampleId :
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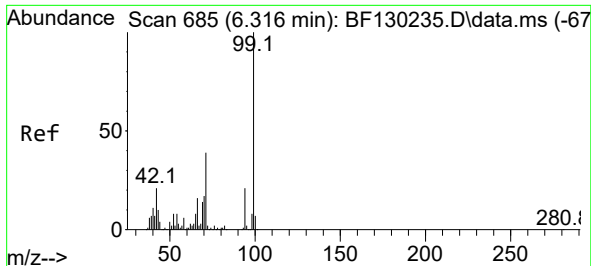
Tgt Ion:112 Resp: 88660
Ion Ratio Lower Upper
112 100
64 57.4 51.4 77.0
63 31.8 28.8 43.2



#6
Aniline
Concen: 4.868 ng
RT: 6.292 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 93 Resp: 32290
Ion Ratio Lower Upper
93 100
66 87.7 34.2 51.4#
65 51.7 16.6 24.8#

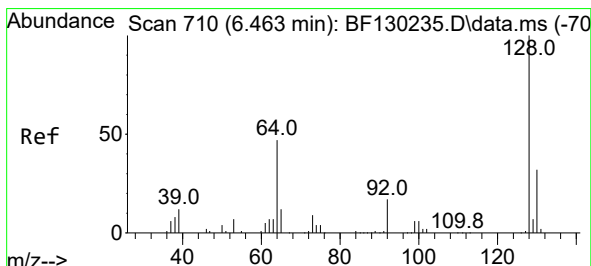
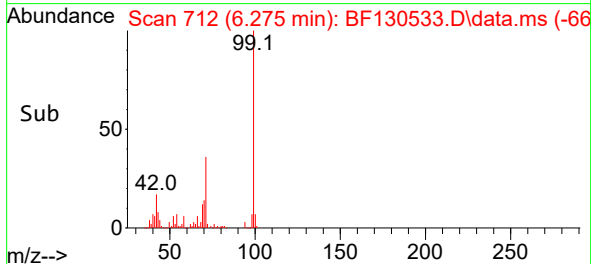
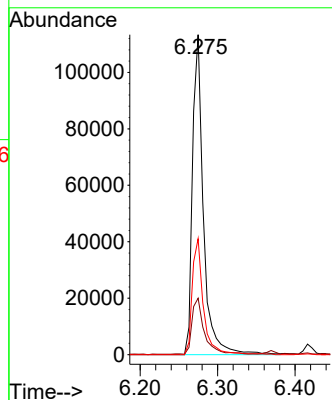
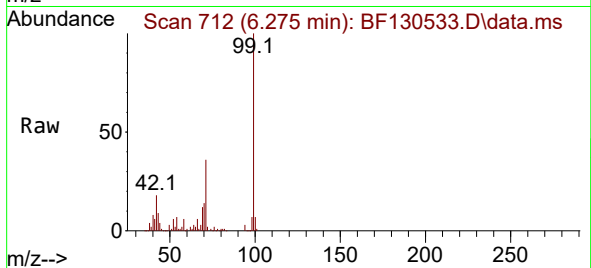




#7
Phenol-d6
Concen: 20.640 ng
RT: 6.275 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

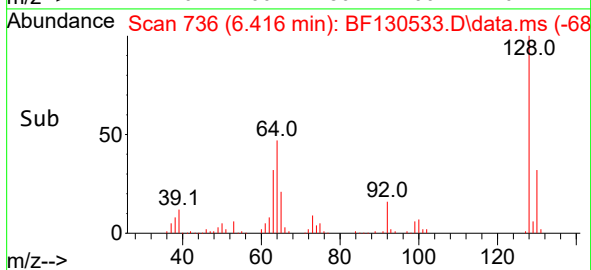
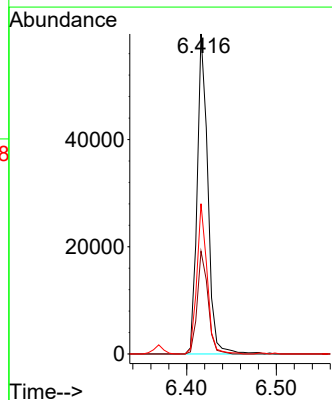
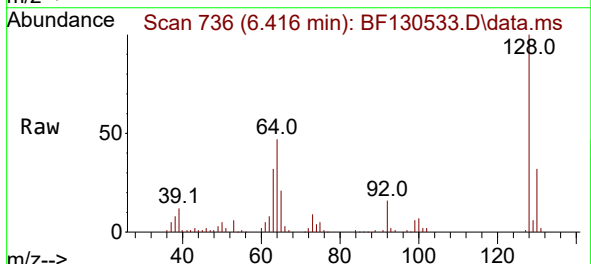
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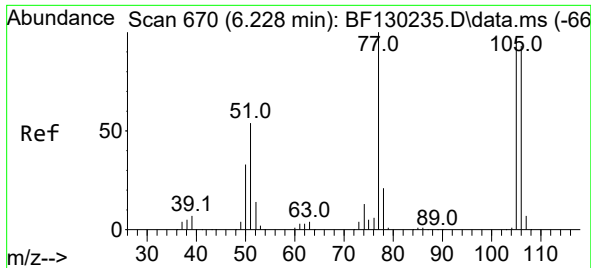
Tgt Ion: 99 Resp: 111116
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 36.3 32.3 48.5



#8
2-Chlorophenol
Concen: 10.080 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:128 Resp: 49403
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 47.0 31.6 71.6

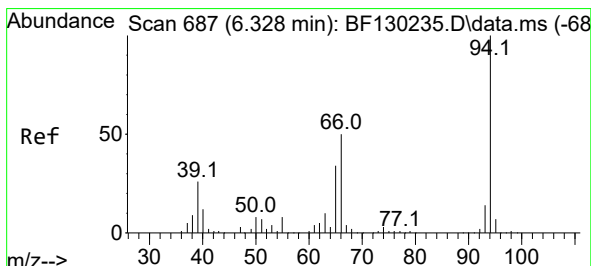
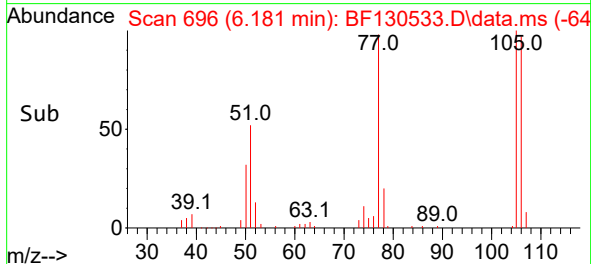
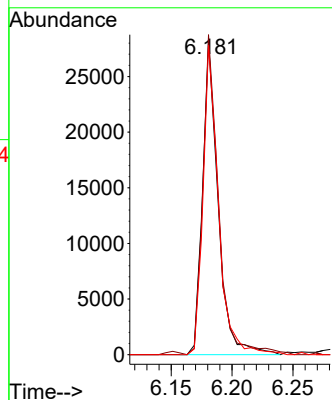
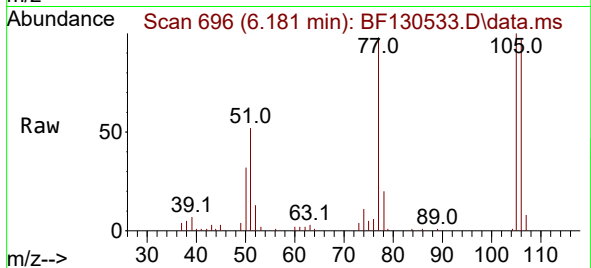




#9
Benzaldehyde
Concen: 6.917 ng
RT: 6.181 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

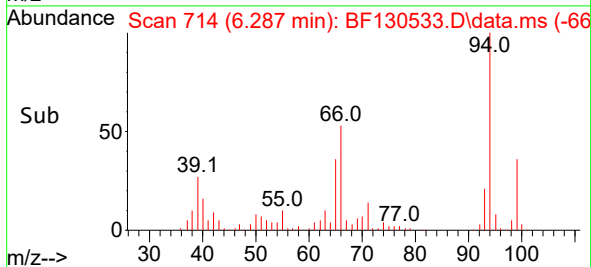
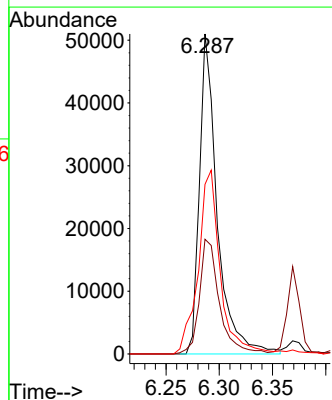
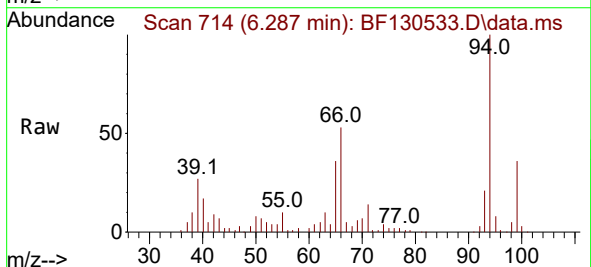
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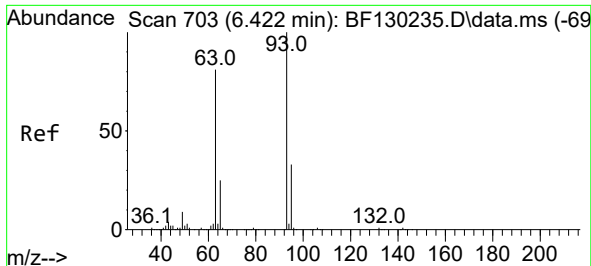
Tgt Ion: 77 Resp: 24943
Ion Ratio Lower Upper
77 100
105 102.0 75.1 115.1
106 98.5 69.7 109.7



#10
Phenol
Concen: 9.385 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 94 Resp: 59210
Ion Ratio Lower Upper
94 100
65 35.8 14.1 54.1
66 53.0 28.1 68.1





#11

bis(2-Chloroethyl)ether

Concen: 10.206 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

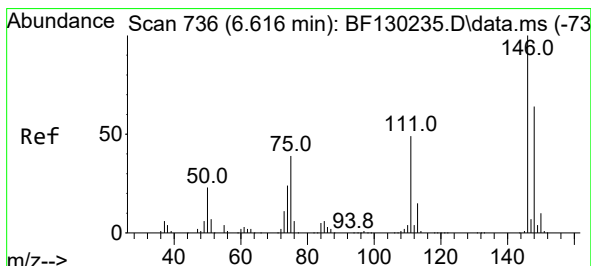
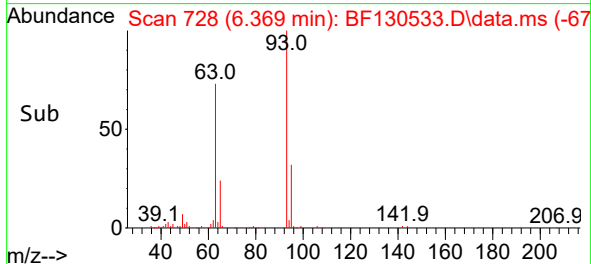
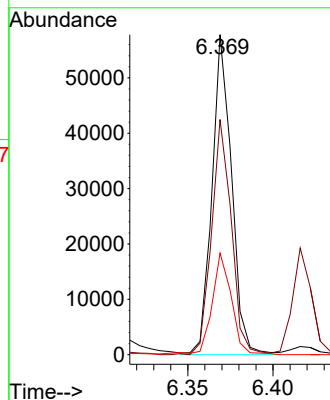
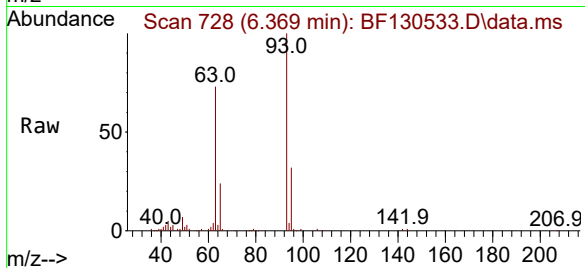
Tgt Ion: 93 Resp: 46443

Ion Ratio Lower Upper

93 100

63 73.5 62.5 102.5

95 31.8 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 9.811 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

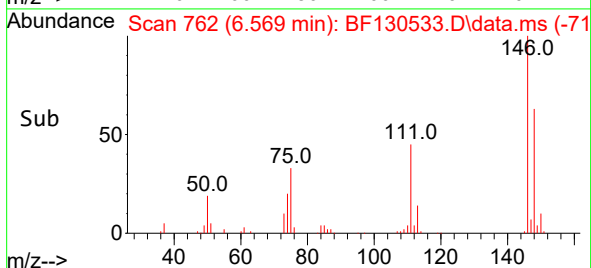
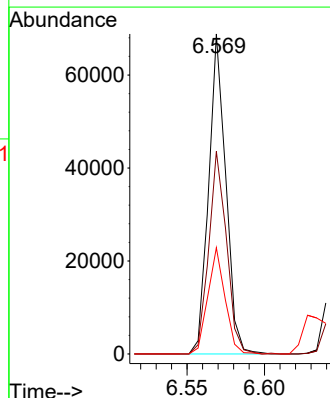
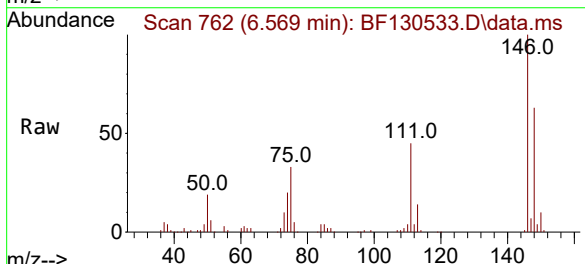
Tgt Ion: 146 Resp: 52913

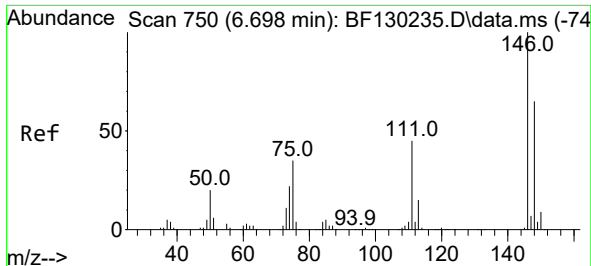
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

75 33.2 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 9.870 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

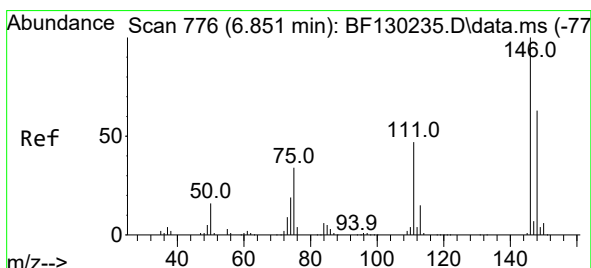
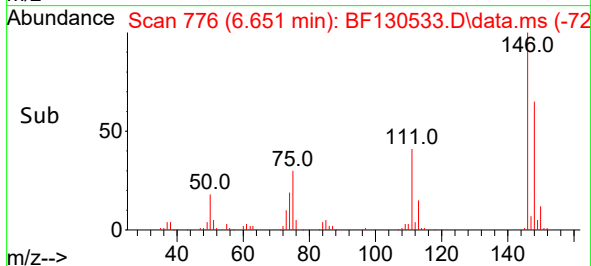
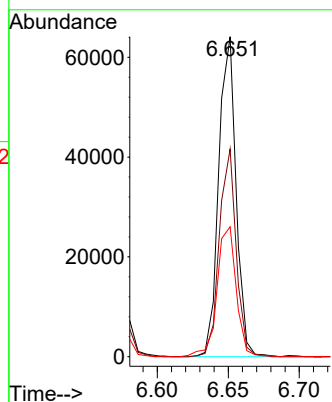
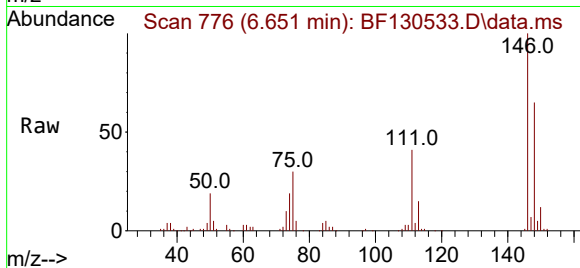
Tgt Ion:146 Resp: 54281

Ion Ratio Lower Upper

146 100

148 64.9 50.3 75.5

111 40.6 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 9.962 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

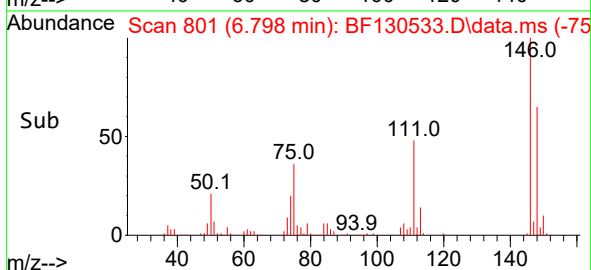
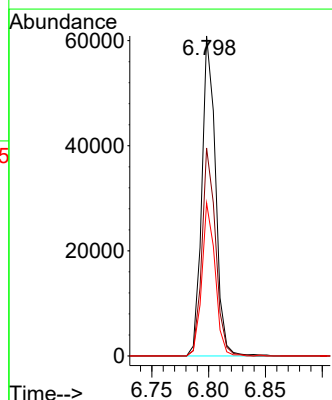
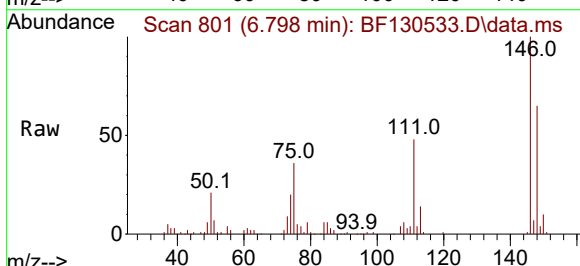
Tgt Ion:146 Resp: 51178

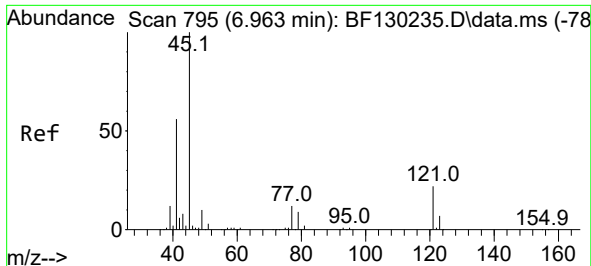
Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

111 47.8 39.2 58.8

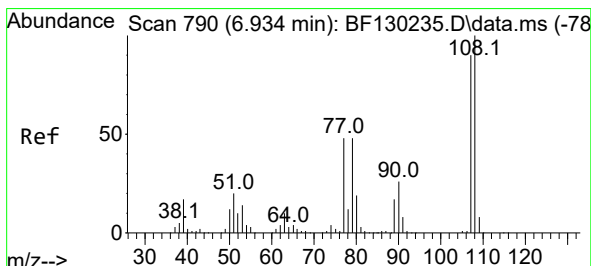
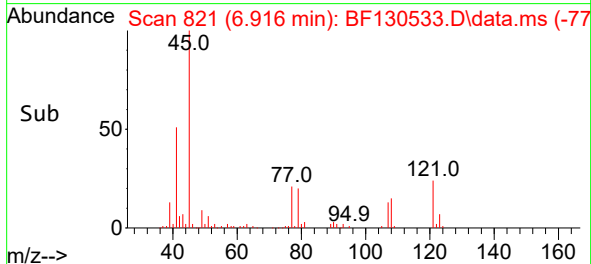
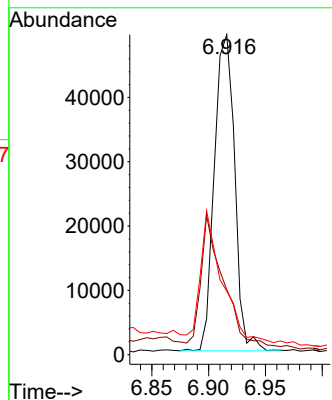
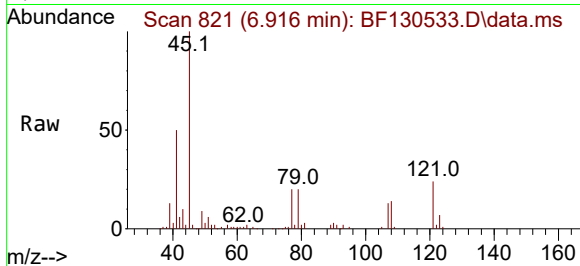




#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.238 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

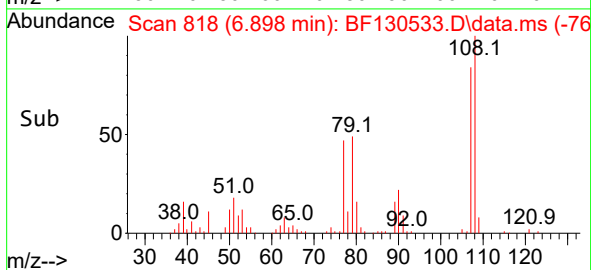
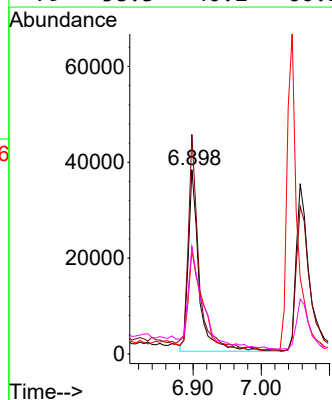
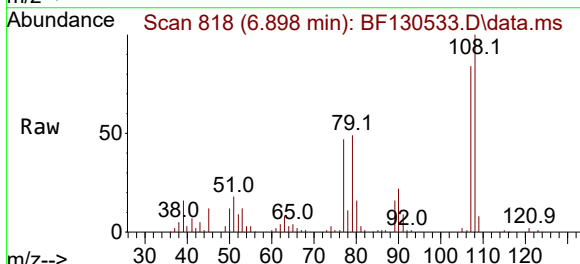
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

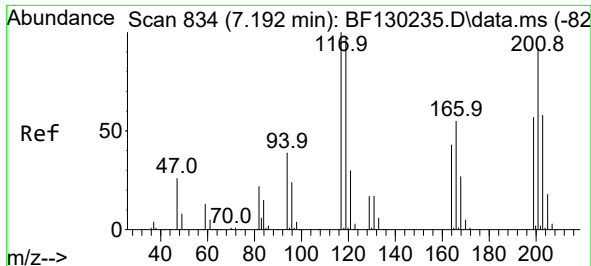
Tgt Ion: 45 Resp: 61315
Ion Ratio Lower Upper
45 100
77 20.3 0.0 34.9
79 19.9 0.0 31.0



#17
2-Methylphenol
Concen: 10.390 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 107 Resp: 41395
Ion Ratio Lower Upper
107 100
108 119.1 89.4 134.0
77 56.3 40.6 60.8
79 58.3 40.2 60.2

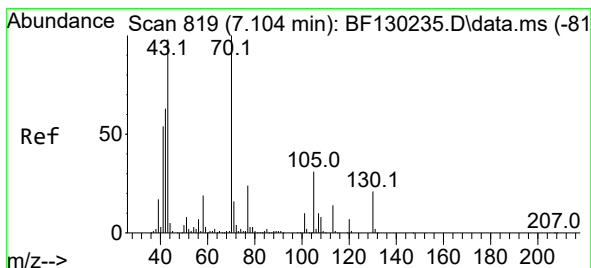
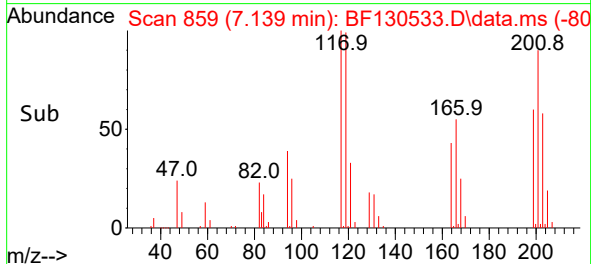
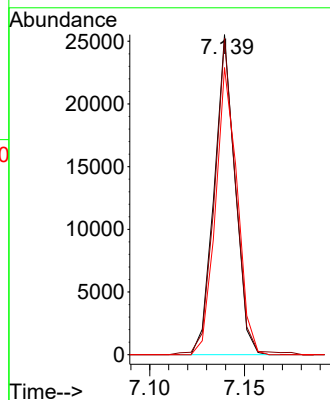
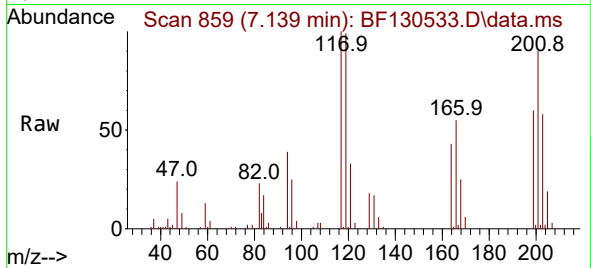




#18
Hexachloroethane
Concen: 9.001 ng
RT: 7.139 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

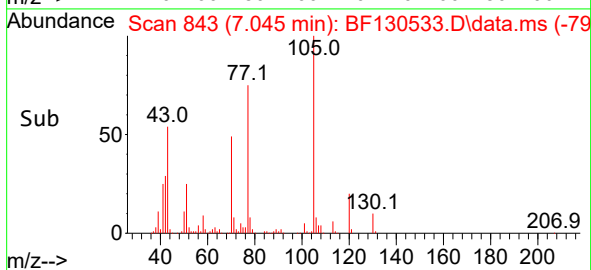
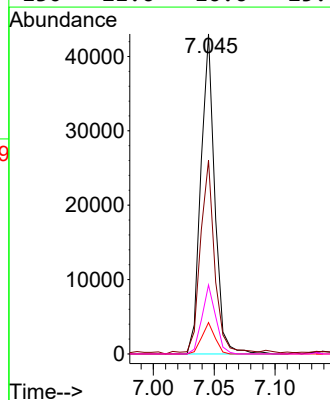
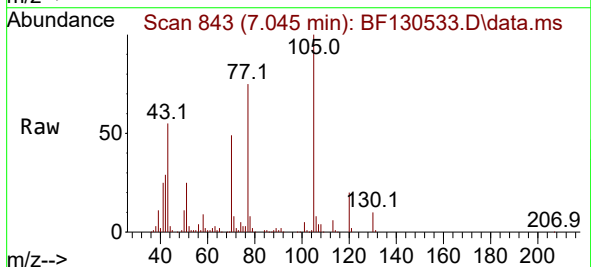
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

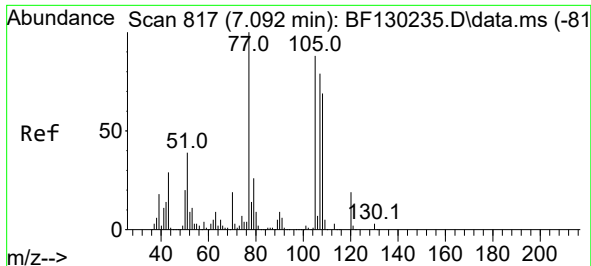
Tgt Ion:117 Resp: 19513
Ion Ratio Lower Upper
117 100
119 98.9 77.8 116.6
201 89.7 68.7 103.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.388 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 70 Resp: 34105
Ion Ratio Lower Upper
70 100
42 60.5 50.8 76.2
101 9.8 8.2 12.4
130 21.6 16.6 25.0

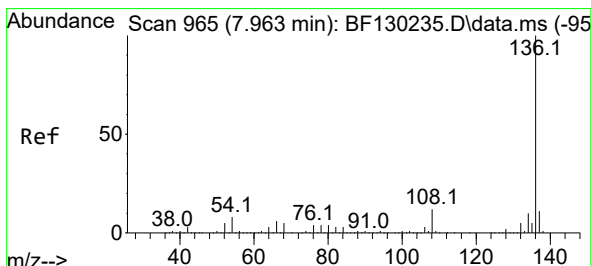
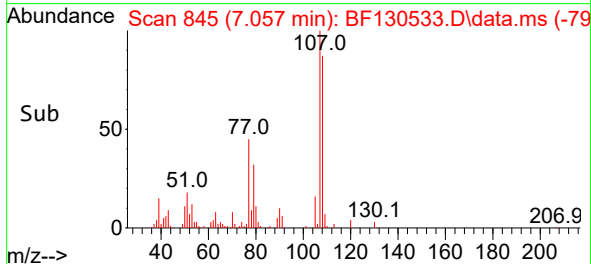
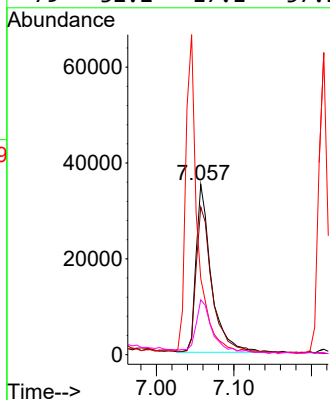
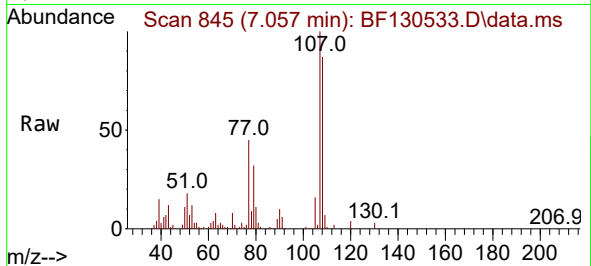




#20
3+4-Methylphenols
Concen: 9.243 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

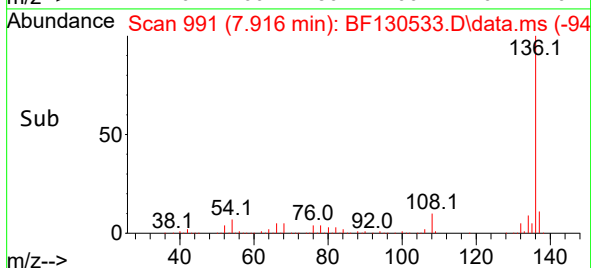
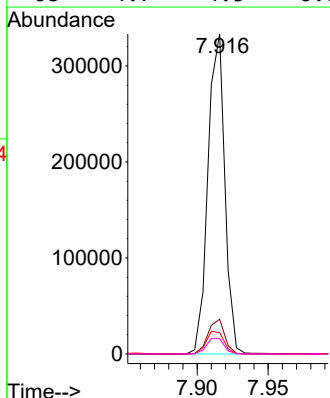
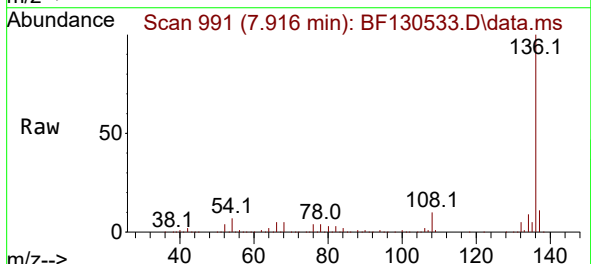
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

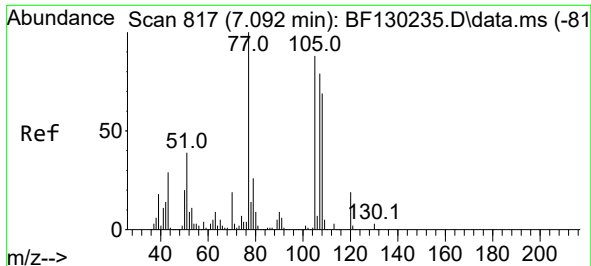
Tgt Ion:107 Resp: 47838
Ion Ratio Lower Upper
107 100
108 86.7 74.8 114.8
77 44.7 125.8 165.8#
79 32.2 17.1 57.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:136 Resp: 275188
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.7 7.1 10.7#
68 4.7 4.5 6.7

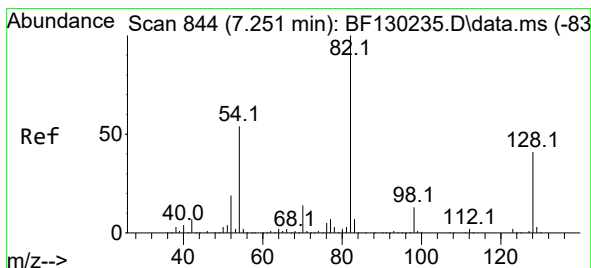
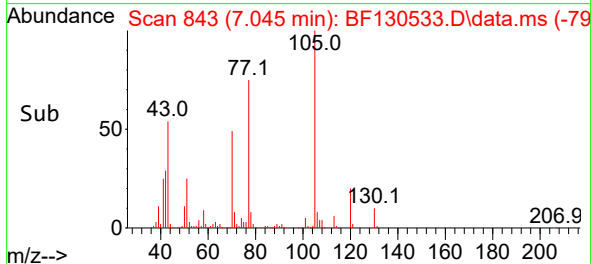
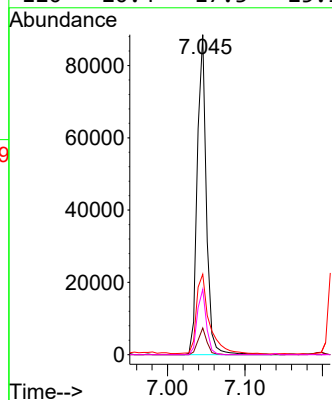
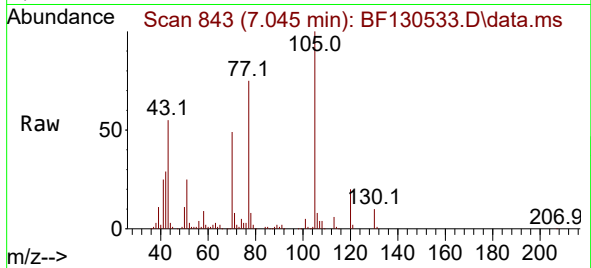




#22
Acetophenone
Concen: 10.724 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

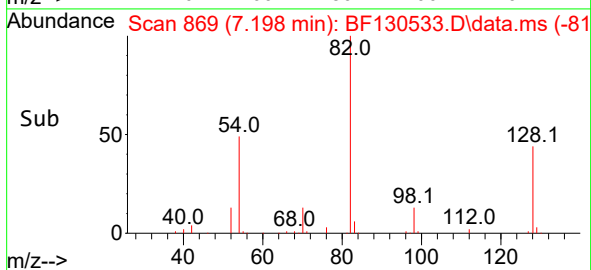
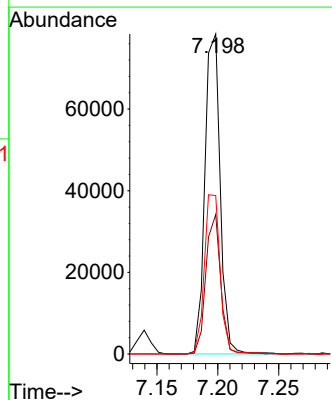
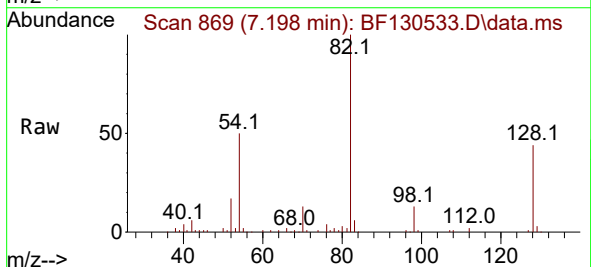
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

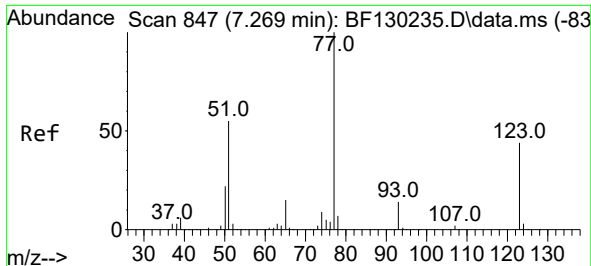
Tgt Ion:105 Resp: 72149
Ion Ratio Lower Upper
105 100
71 8.4 3.9 5.9#
51 25.2 32.2 48.2#
120 20.4 17.3 25.9



#23
Nitrobenzene-d5
Concen: 12.689 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 82 Resp: 68349
Ion Ratio Lower Upper
82 100
128 43.6 32.6 49.0
54 49.5 43.8 65.6

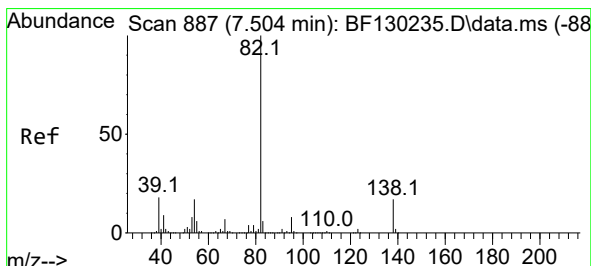
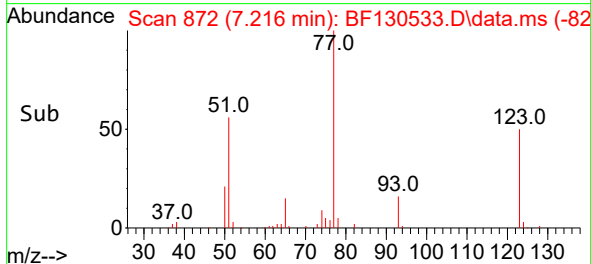
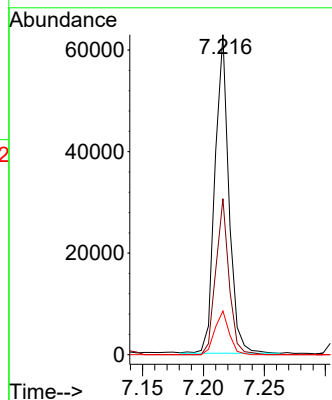
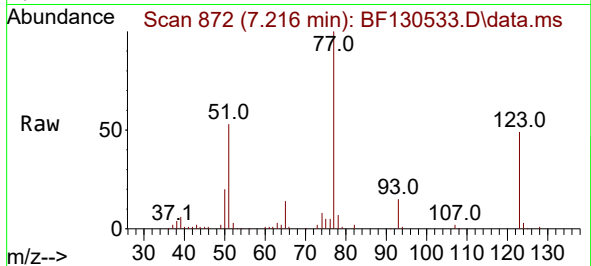




#24
Nitrobenzene
Concen: 9.123 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

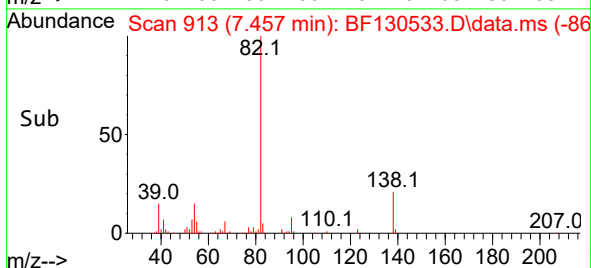
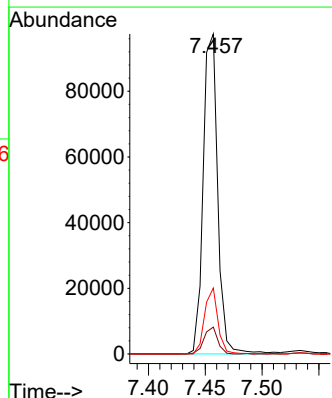
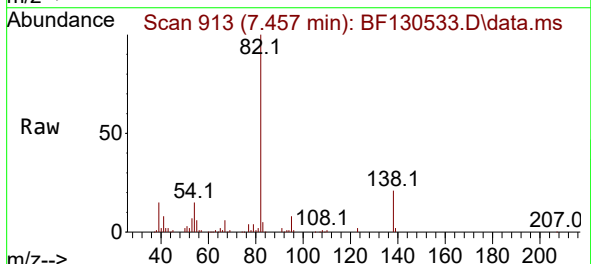
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

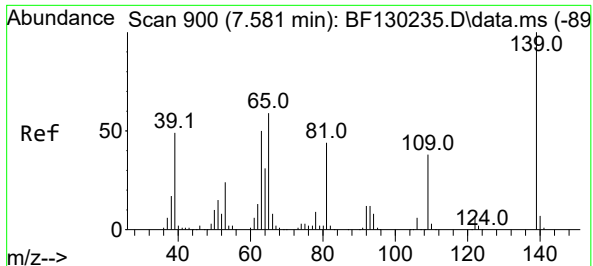
Tgt Ion: 77 Resp: 49899
Ion Ratio Lower Upper
77 100
123 48.8 34.3 51.5
65 13.7 12.0 18.0



#25
Isophorone
Concen: 10.017 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 82 Resp: 86966
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 20.6 13.8 20.6

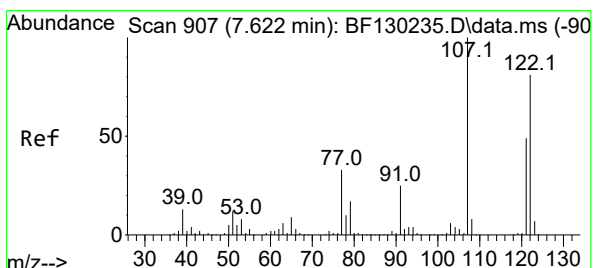
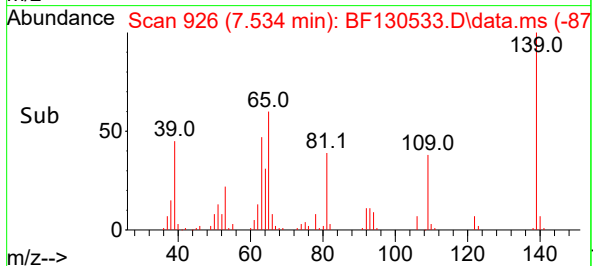
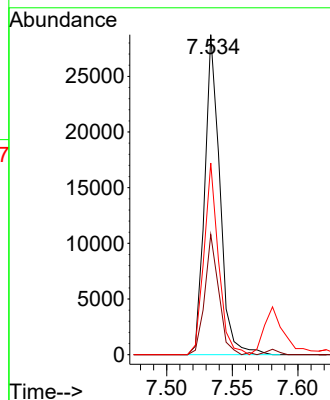
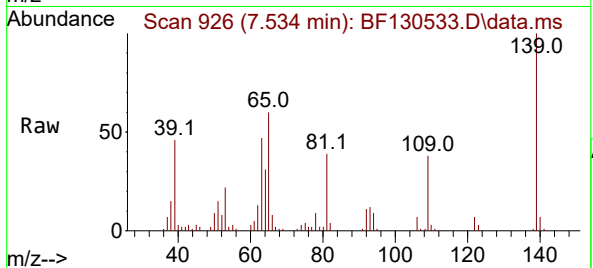




#26
2-Nitrophenol
Concen: 10.373 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

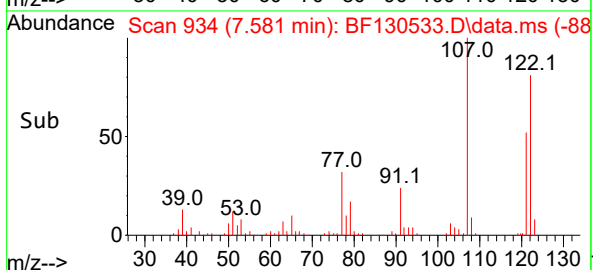
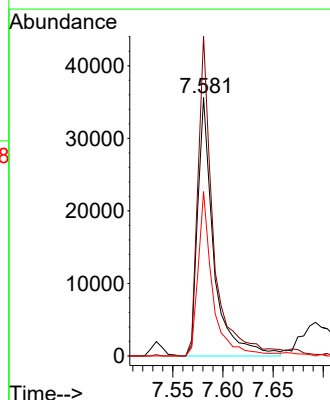
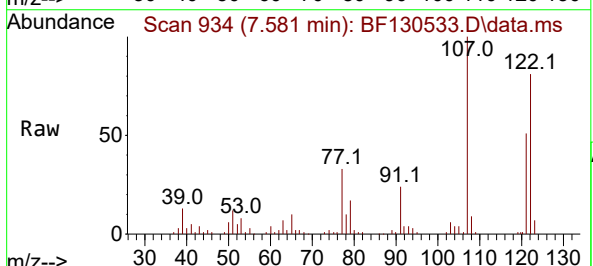
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

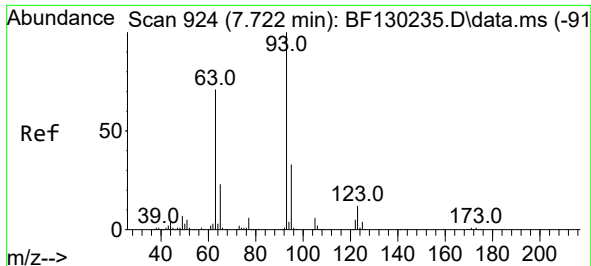
Tgt Ion:139 Resp: 23258
Ion Ratio Lower Upper
139 100
109 37.6 30.2 45.4
65 59.9 48.9 73.3



#27
2,4-Dimethylphenol
Concen: 11.431 ng
RT: 7.581 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:122 Resp: 39464
Ion Ratio Lower Upper
122 100
107 123.8 100.2 150.2
121 63.6 47.8 71.8





#28

bis(2-Chloroethoxy)methane

Concen: 11.212 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

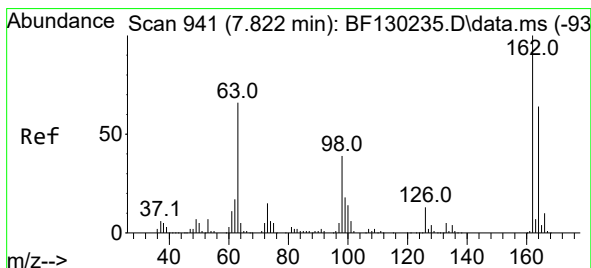
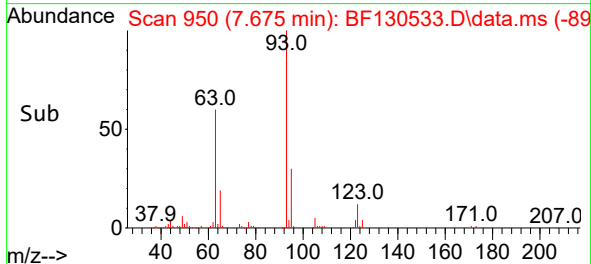
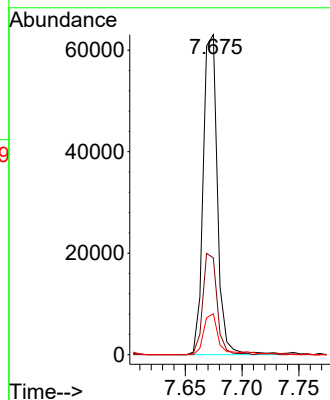
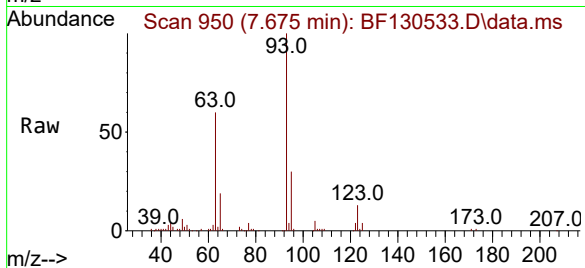
Tgt Ion: 93 Resp: 54811

Ion Ratio Lower Upper

93 100

95 30.2 26.3 39.5

123 12.8 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 9.201 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

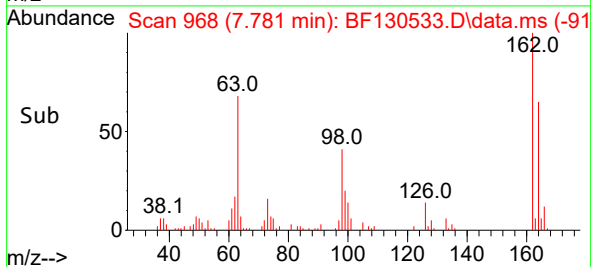
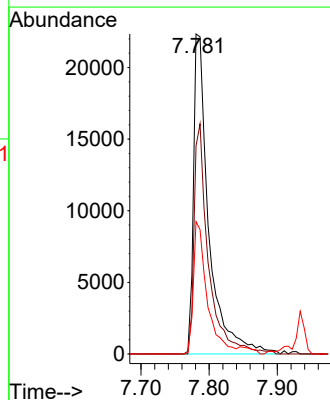
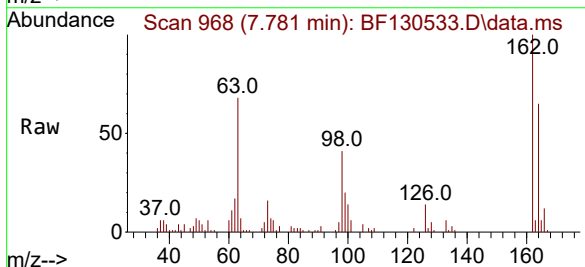
Tgt Ion:162 Resp: 34807

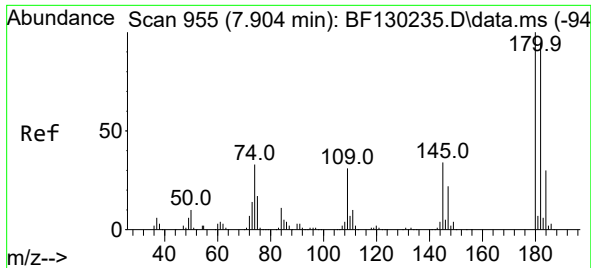
Ion Ratio Lower Upper

162 100

164 65.0 42.2 82.2

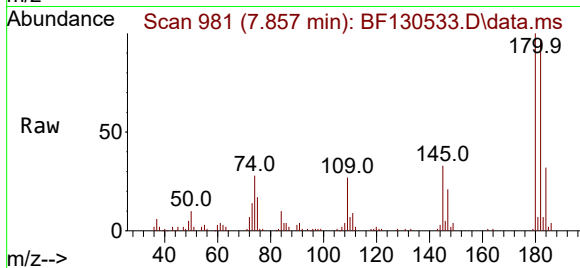
98 41.3 21.7 61.7



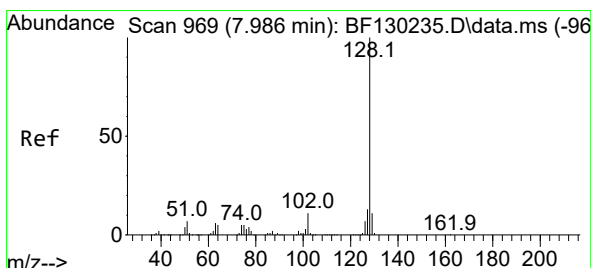
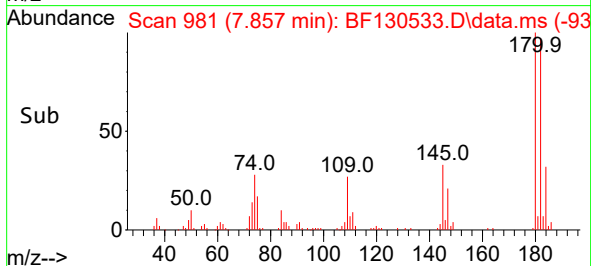
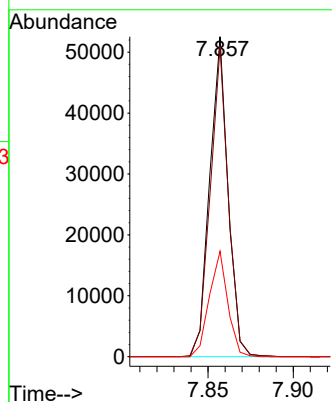


#30
1,2,4-Trichlorobenzene
Concen: 9.562 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

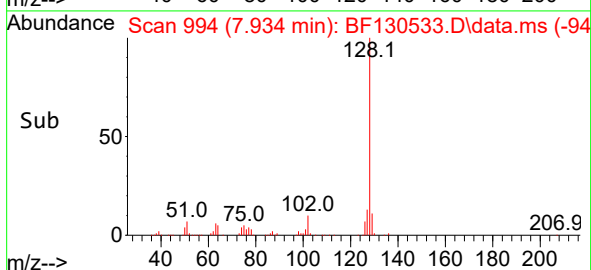
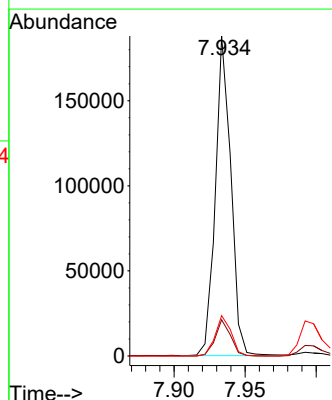
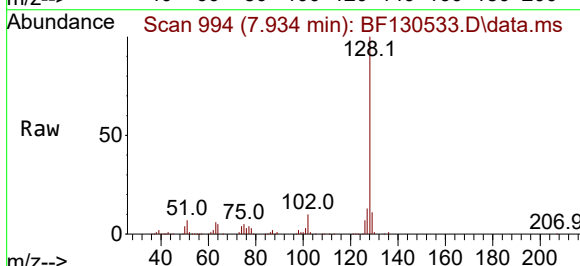


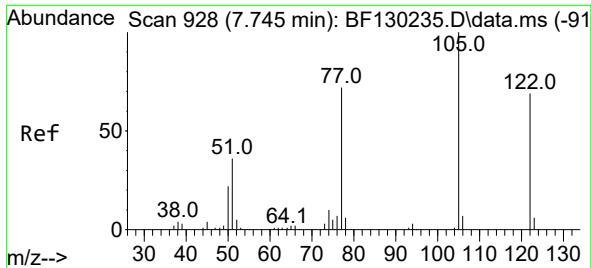
Tgt Ion:180 Resp: 39108
Ion Ratio Lower Upper
180 100
182 96.9 73.3 109.9
145 33.0 28.3 42.5



#31
Naphthalene
Concen: 10.038 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:128 Resp: 142319
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.6 10.6 16.0

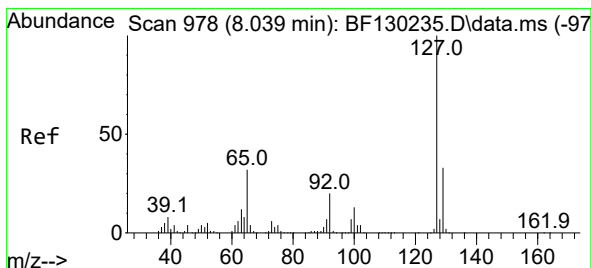
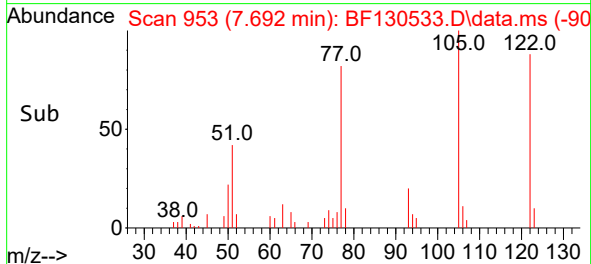
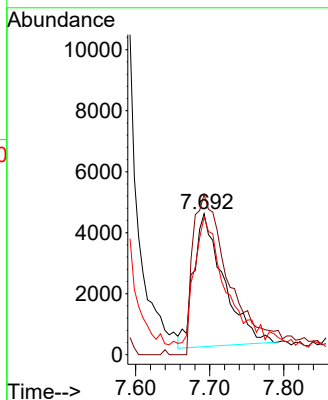
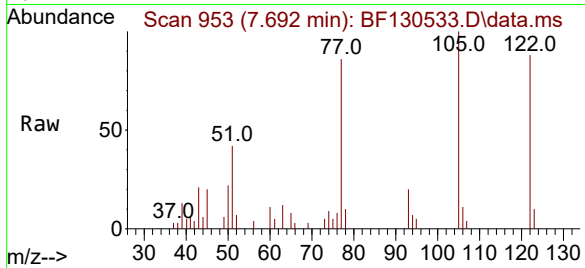




#32
Benzoic acid
Concen: 4.608 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.029 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

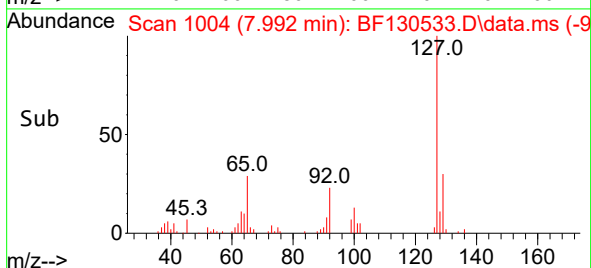
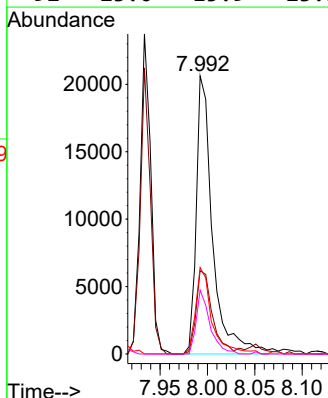
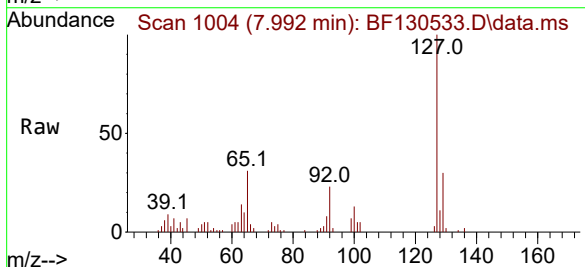
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

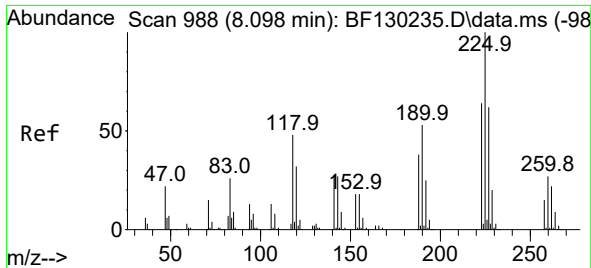
Tgt Ion:	122	Resp:	12301
Ion	Ratio	Lower	Upper
122	100		
105	113.6	112.9	152.9
77	97.7	82.8	122.8



#33
4-Chloroaniline
Concen: 4.606 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:	127	Resp:	24836
Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.6	38.4
65	31.1	27.0	40.6
92	23.0	15.9	23.9

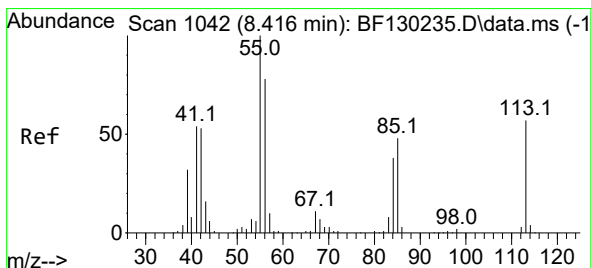
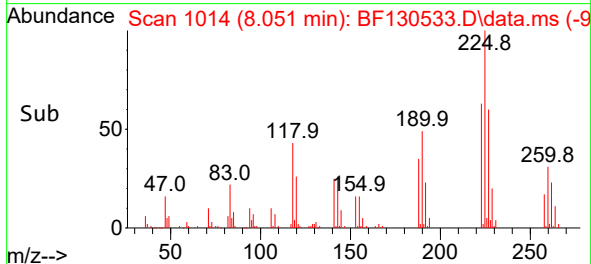
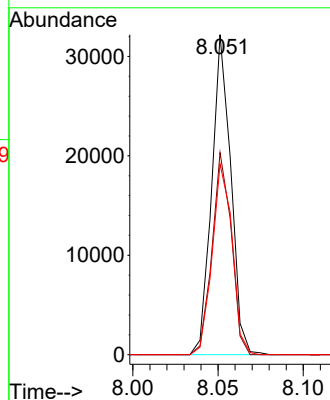
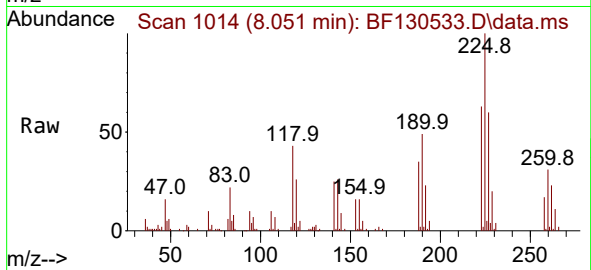




#34
Hexachlorobutadiene
Concen: 9.574 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

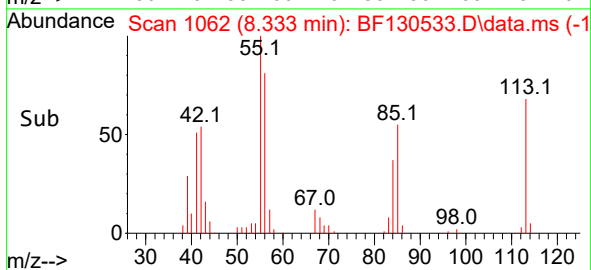
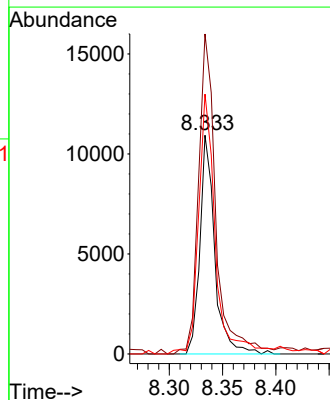
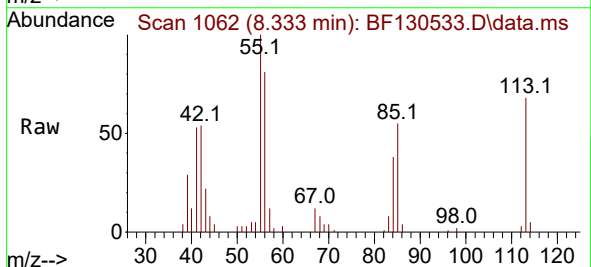
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

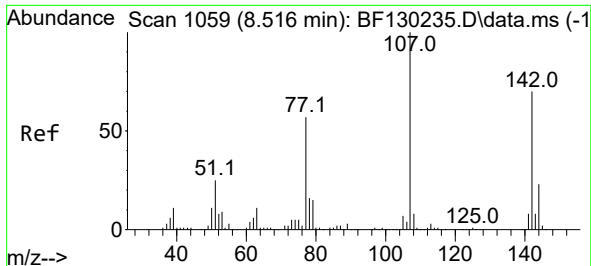
Tgt Ion:225 Resp: 25025
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 59.6 51.1 76.7



#35
Caprolactam
Concen: 9.793 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.041 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:113 Resp: 10621
Ion Ratio Lower Upper
113 100
55 146.3 155.4 195.4#
56 118.8 120.4 160.4#

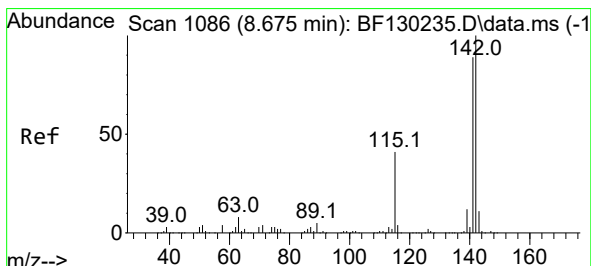
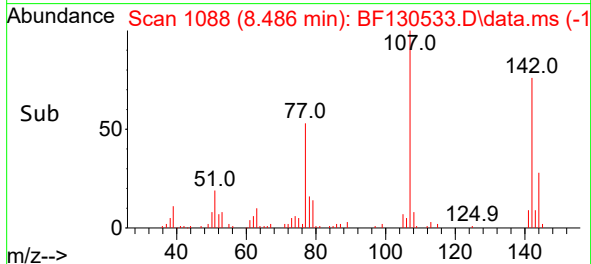
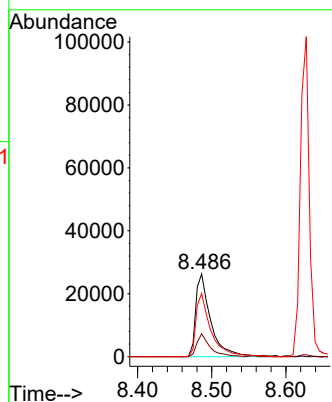
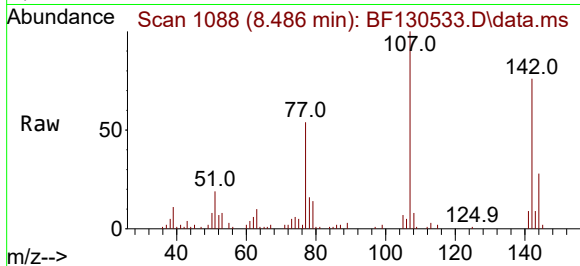




#36
4-Chloro-3-methylphenol
Concen: 8.823 ng
RT: 8.486 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

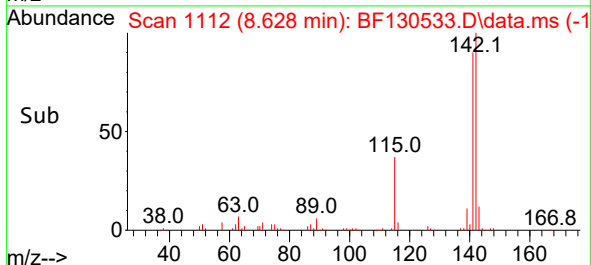
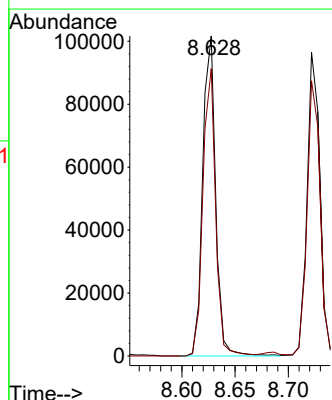
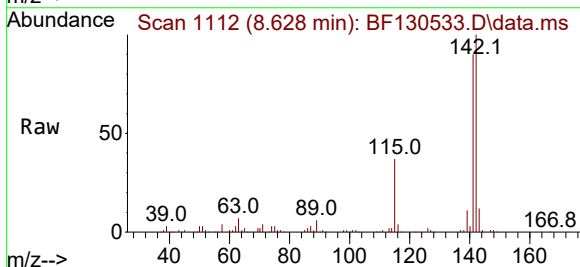
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

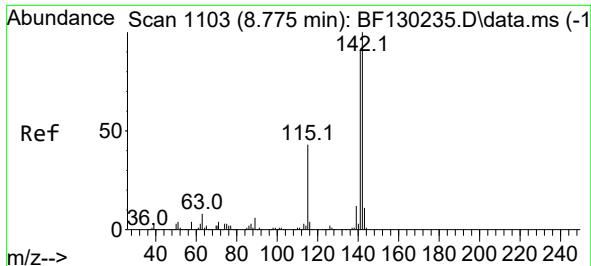
Tgt Ion:107 Resp: 36996
Ion Ratio Lower Upper
107 100
144 27.7 20.0 30.0
142 76.0 61.3 91.9



#37
2-Methylnaphthalene
Concen: 9.544 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:142 Resp: 86274
Ion Ratio Lower Upper
142 100
141 89.8 70.0 105.0





#38

1-Methylnaphthalene

Concen: 9.320 ng

RT: 8.722 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

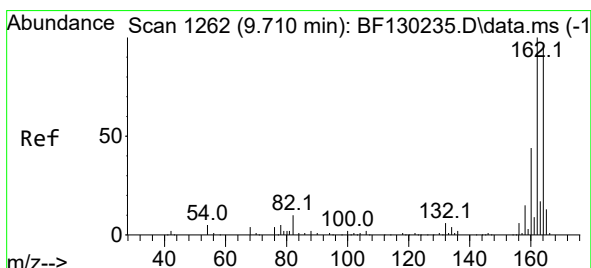
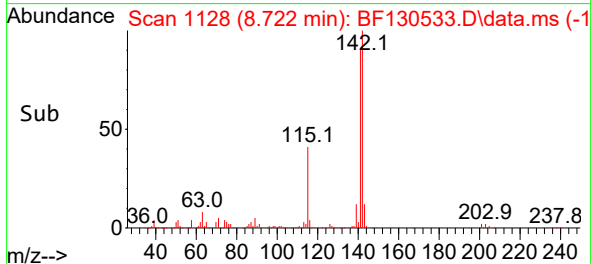
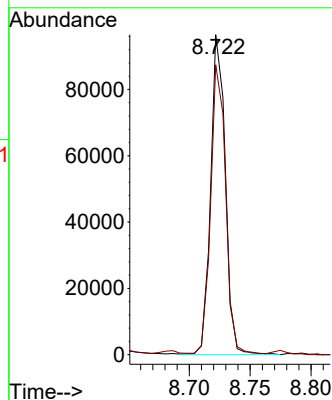
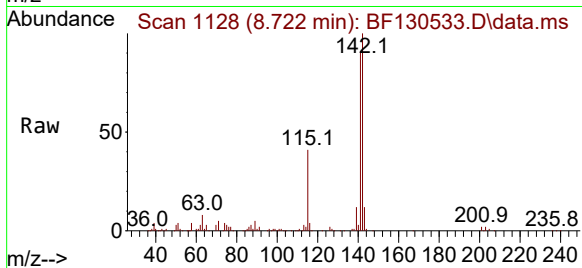
PAT-01-100322MSD

Tgt Ion:142 Resp: 80928

Ion Ratio Lower Upper

142 100

141 90.6 73.8 110.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

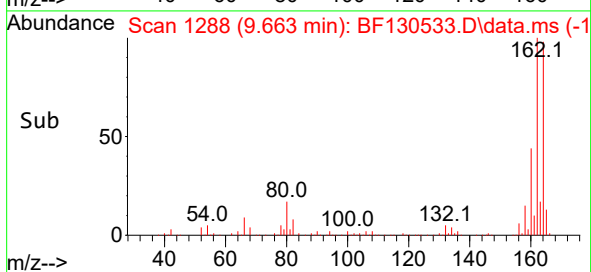
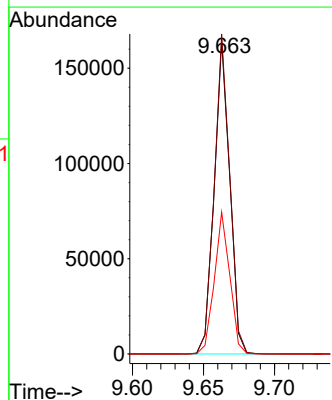
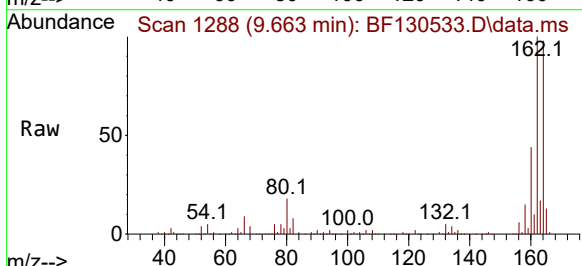
Tgt Ion:164 Resp: 125030

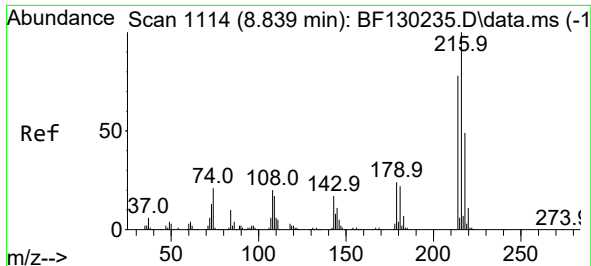
Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.0

160 45.3 36.2 54.4

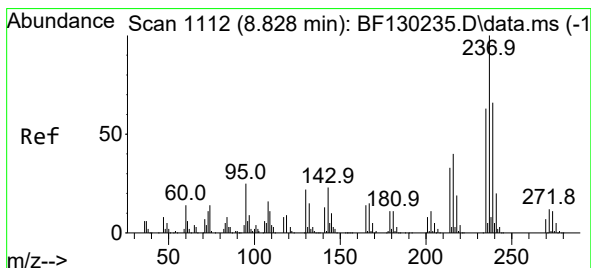
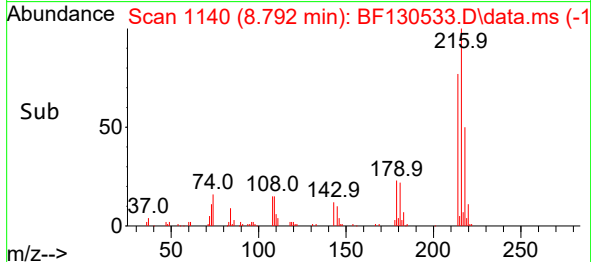
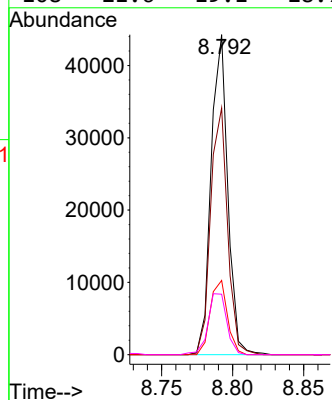
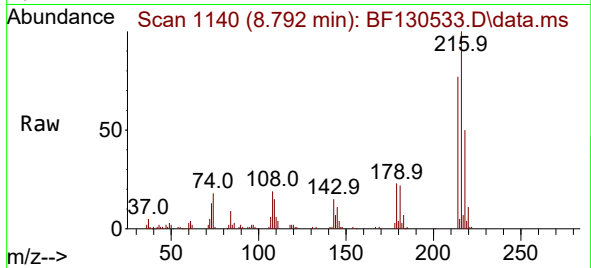




#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.542 ng
RT: 8.792 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

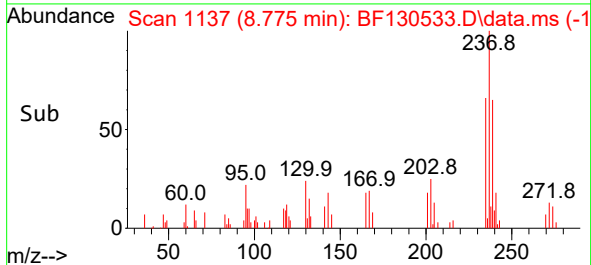
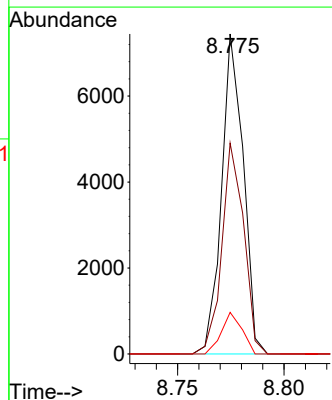
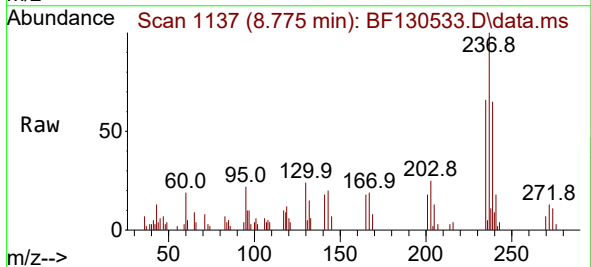
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

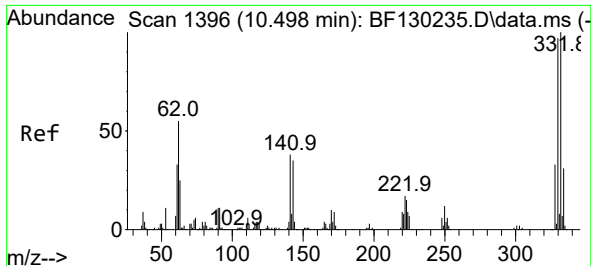
Tgt Ion:	216	Resp:	35971
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.8	94.2
179	24.0	19.5	29.3
108	21.6	19.1	28.7



#41
Hexachlorocyclopentadiene
Concen: 2.883 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:	237	Resp:	5266
Ion Ratio	Lower	Upper	
237	100		
235	65.9	42.5	82.5
272	13.0	0.0	32.8





#42

2,4,6-Tribromophenol

Concen: 17.975 ng

RT: 10.451 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

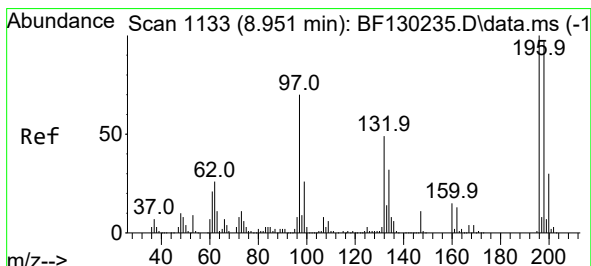
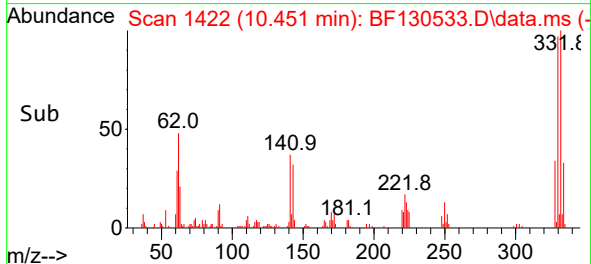
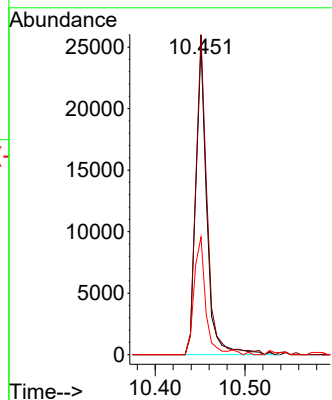
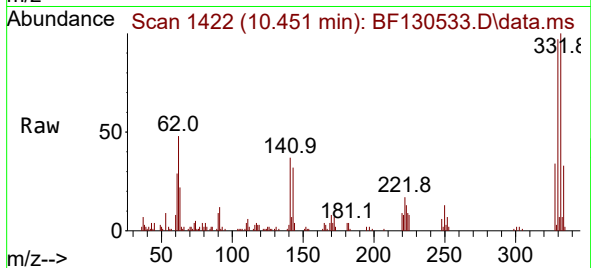
Tgt Ion:330 Resp: 21535

Ion Ratio Lower Upper

330 100

332 106.1 83.4 125.2

141 40.3 34.0 51.0



#43

2,4,6-Trichlorophenol

Concen: 8.995 ng

RT: 8.910 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

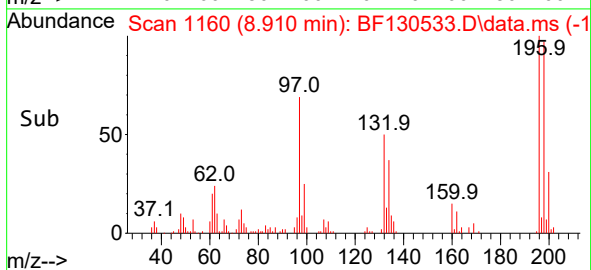
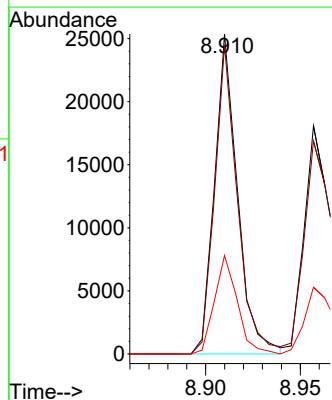
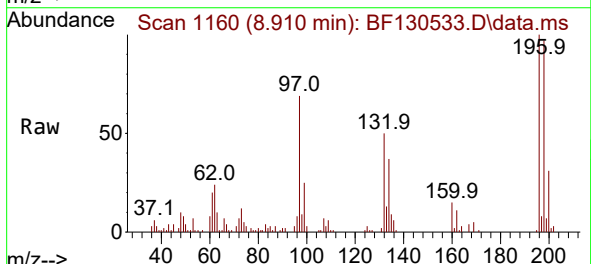
Tgt Ion:196 Resp: 21420

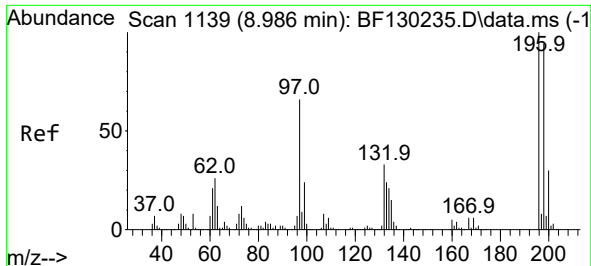
Ion Ratio Lower Upper

196 100

198 96.6 72.4 108.6

200 30.8 23.8 35.6

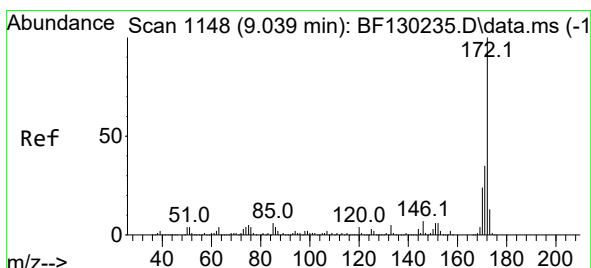
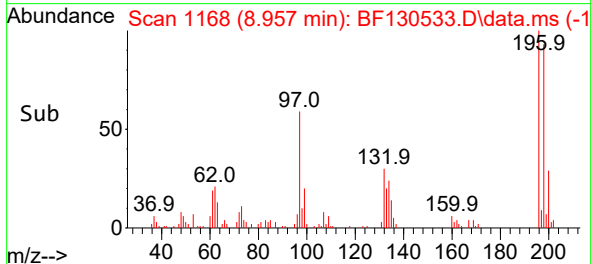
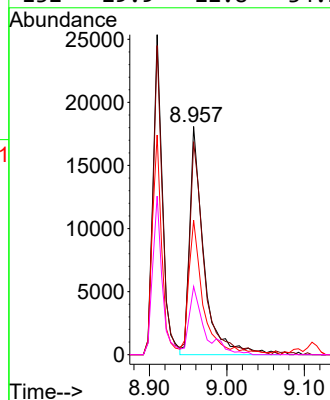
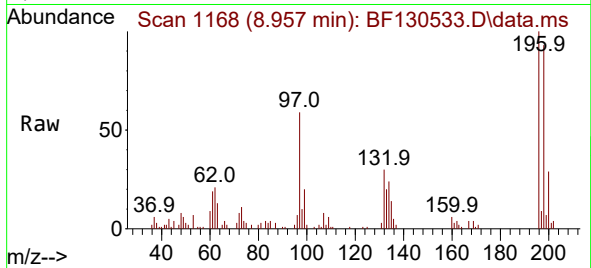




#44
2,4,5-Trichlorophenol
Concen: 8.949 ng
RT: 8.957 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

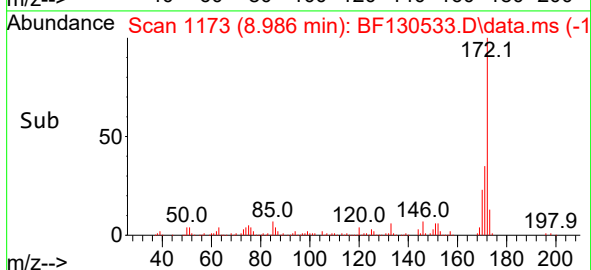
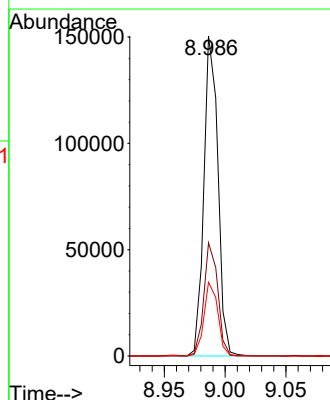
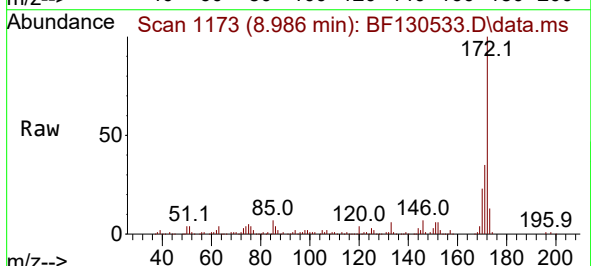
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

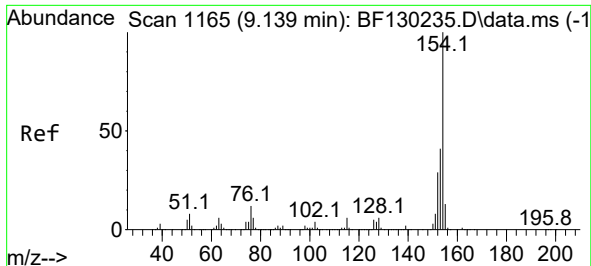
Tgt Ion:196	Resp:	22997
Ion Ratio	Lower	Upper
196	100	
198	93.3	74.8 112.2
97	58.9	43.7 65.5
132	29.9	22.8 34.2



#45
2-Fluorobiphenyl
Concen: 14.028 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:172	Resp:	120450
Ion Ratio	Lower	Upper
172	100	
171	35.4	28.3 42.5
170	23.1	18.7 28.1

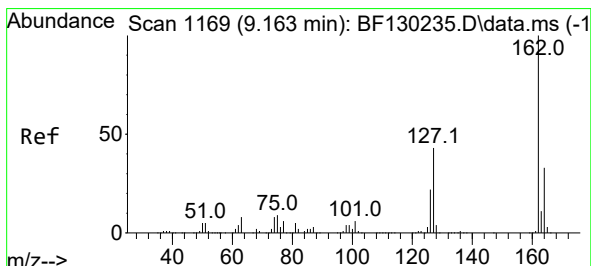
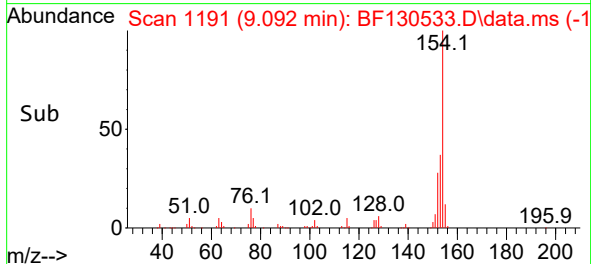
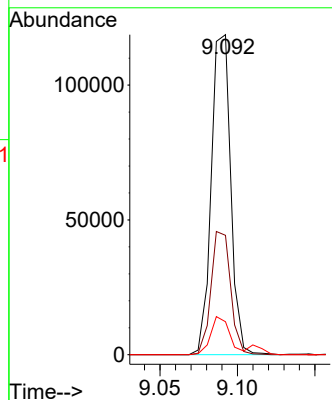
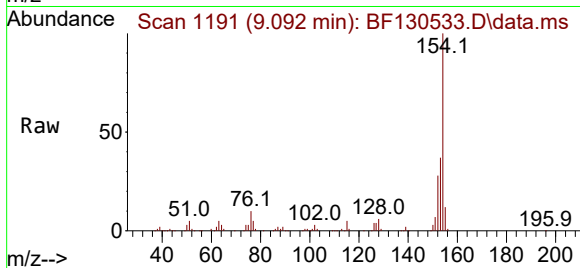




#46
1,1'-Biphenyl
Concen: 11.091 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

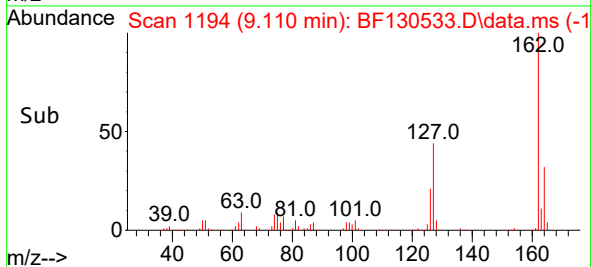
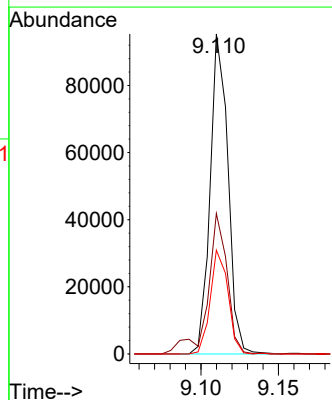
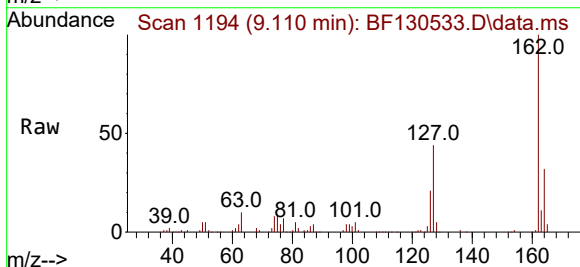
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

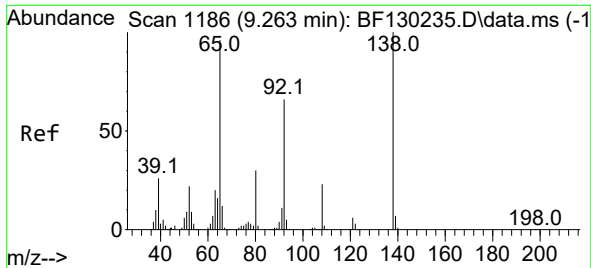
Tgt Ion:154 Resp: 103569
Ion Ratio Lower Upper
154 100
153 37.3 20.0 60.0
76 10.3 0.0 33.3



#47
2-Chloronaphthalene
Concen: 10.106 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:162 Resp: 76336
Ion Ratio Lower Upper
162 100
127 43.9 35.9 53.9
164 32.5 26.2 39.2

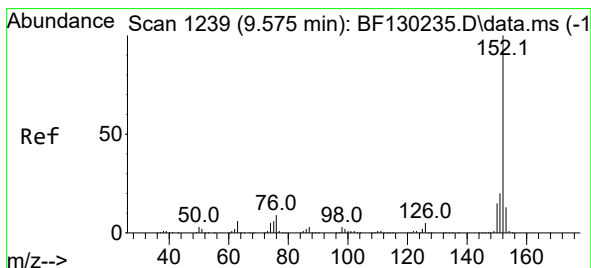
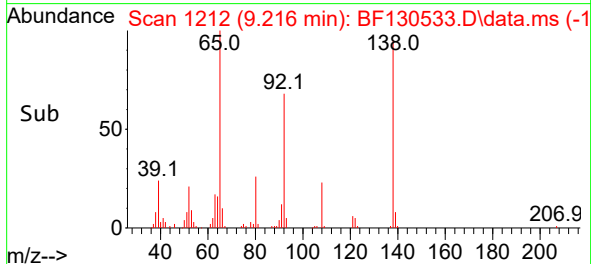
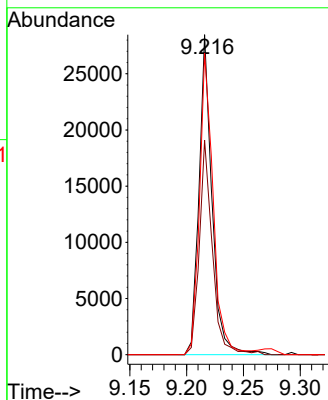
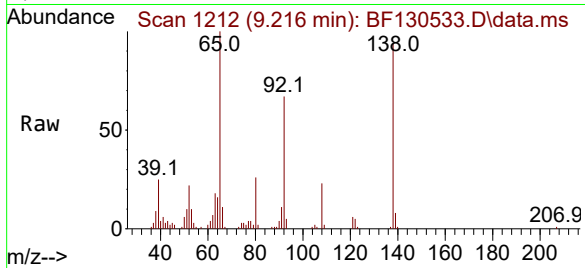




#48
2-Nitroaniline
Concen: 9.031 ng
RT: 9.216 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

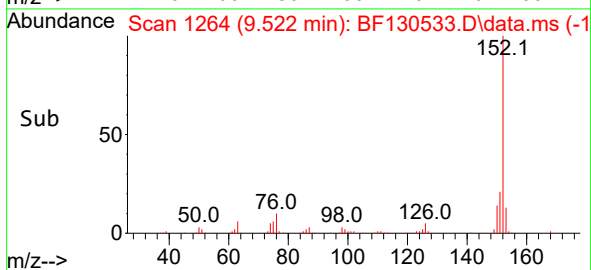
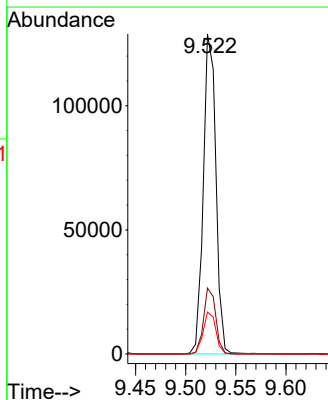
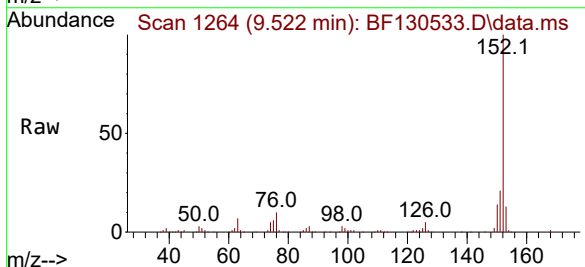
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

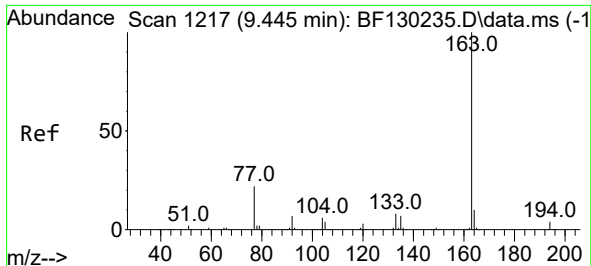
Tgt Ion: 65 Resp: 22753
Ion Ratio Lower Upper
65 100
92 67.1 52.2 78.4
138 94.1 77.0 115.4



#49
Acenaphthylene
Concen: 10.001 ng
RT: 9.522 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 152 Resp: 113270
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.1 10.6 15.8

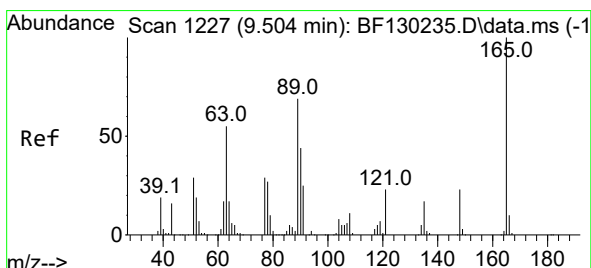
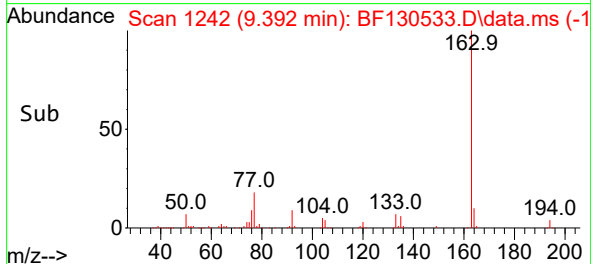
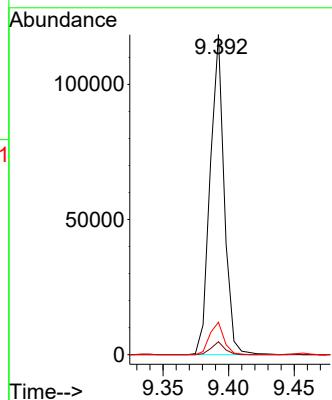
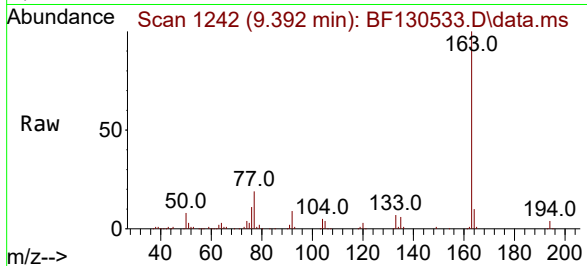




#50
Dimethylphthalate
Concen: 10.259 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

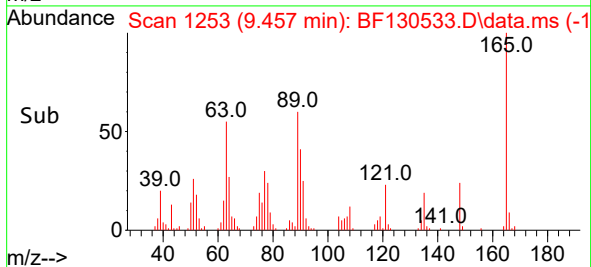
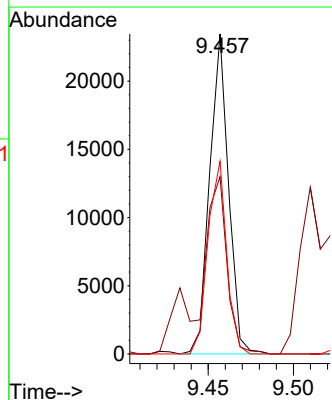
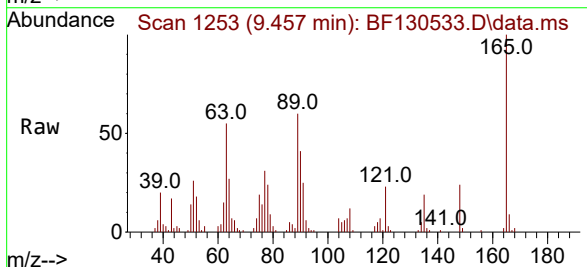
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

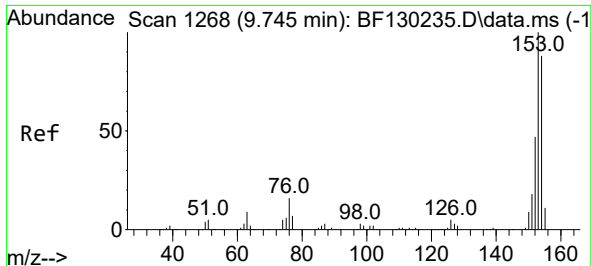
Tgt Ion:163 Resp: 88603
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 10.2 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 10.001 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:165 Resp: 18064
Ion Ratio Lower Upper
165 100
63 55.4 58.8 88.2#
89 60.2 54.5 81.7

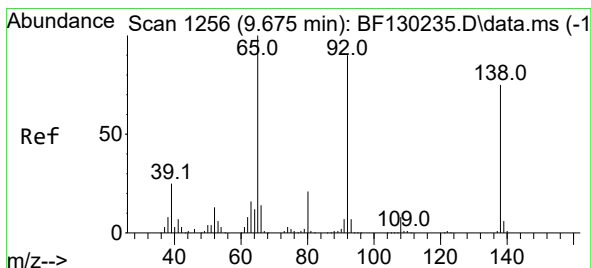
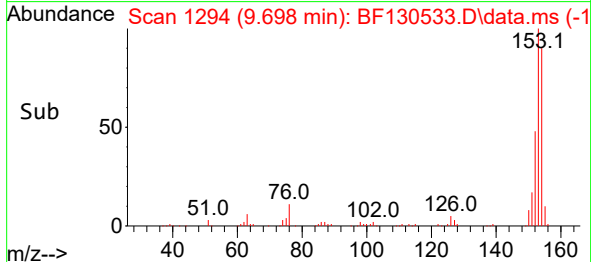
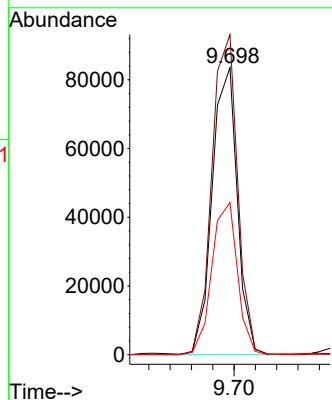
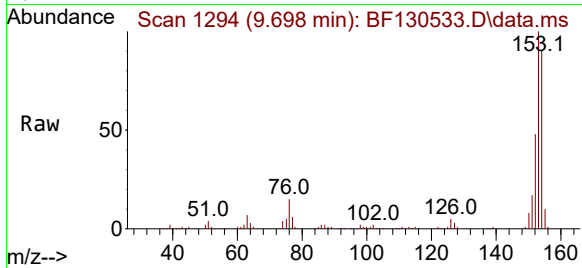




#52
Acenaphthene
Concen: 9.200 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

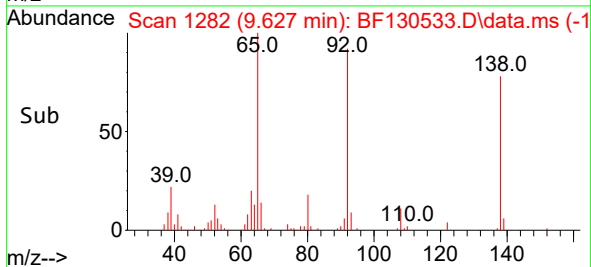
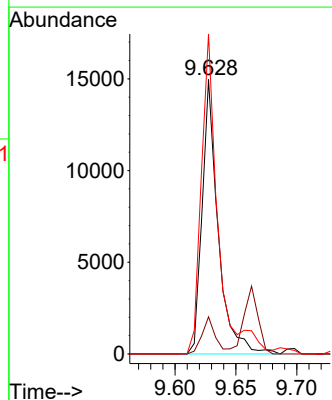
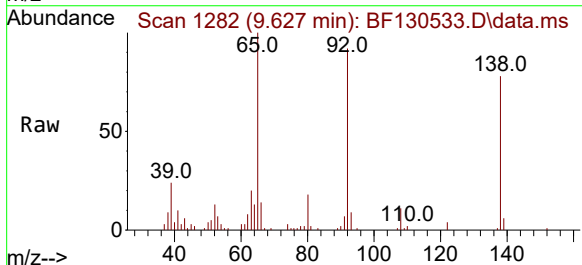
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

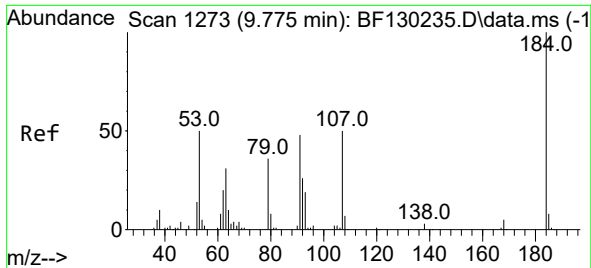
Tgt Ion:154 Resp: 68460
Ion Ratio Lower Upper
154 100
153 111.5 90.6 136.0
152 53.0 43.8 65.6



#53
3-Nitroaniline
Concen: 6.787 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:138 Resp: 13659
Ion Ratio Lower Upper
138 100
108 13.5 9.2 13.8
92 116.6 99.2 148.8

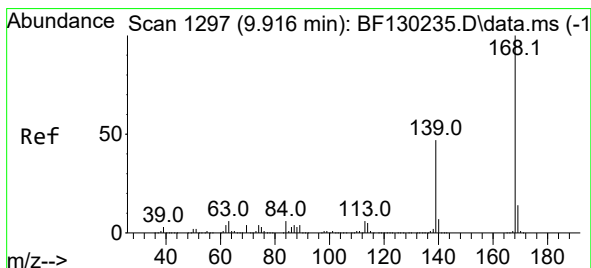
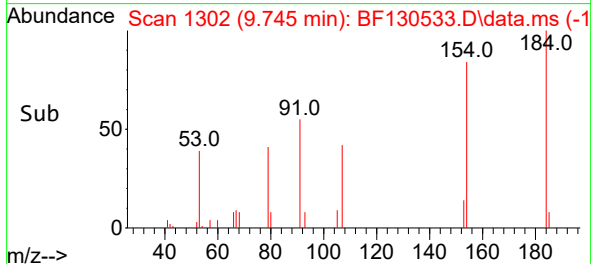
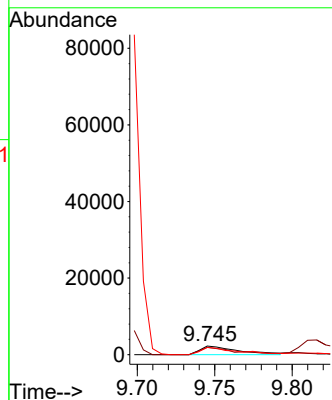
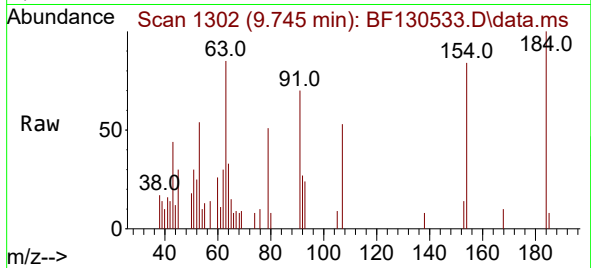




#54
2,4-Dinitrophenol
Concen: 9.907 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

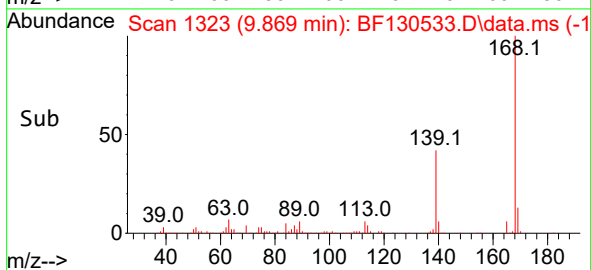
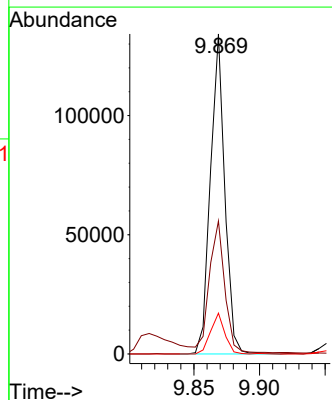
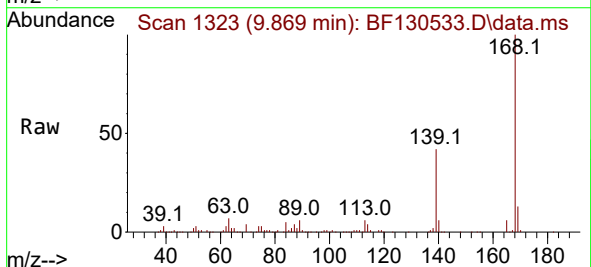
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

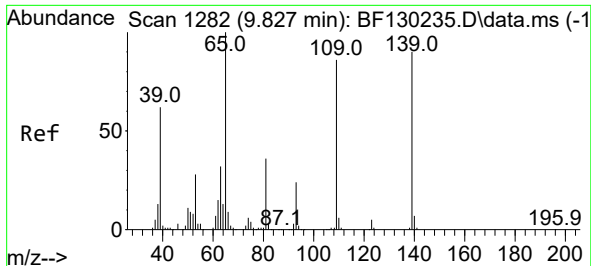
Tgt Ion:184 Resp: 3883
Ion Ratio Lower Upper
184 100
63 84.6 70.0 105.0
154 83.7 63.0 94.6



#55
Dibenzofuran
Concen: 9.896 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:168 Resp: 102425
Ion Ratio Lower Upper
168 100
139 41.6 35.0 52.4
169 12.8 10.9 16.3

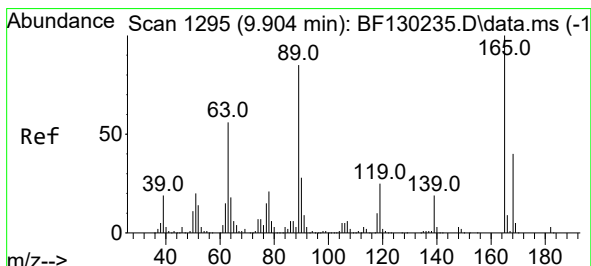
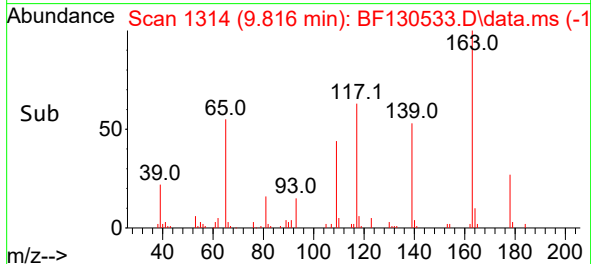
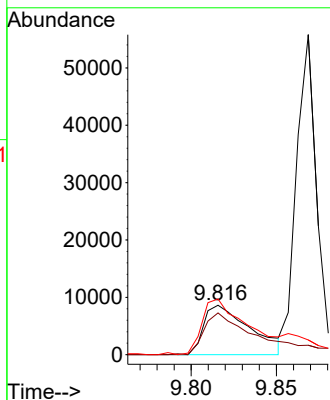
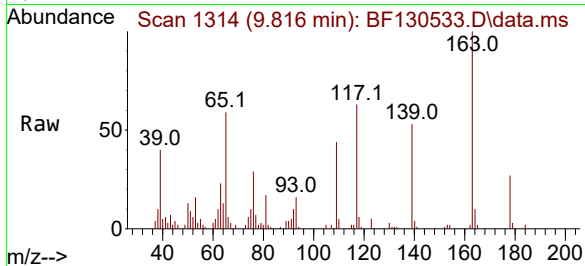




#56
4-Nitrophenol
Concen: 11.120 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

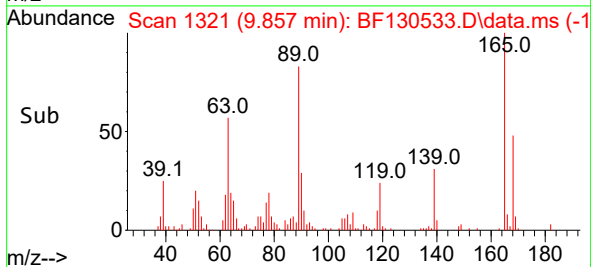
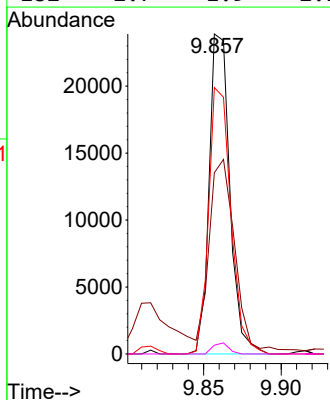
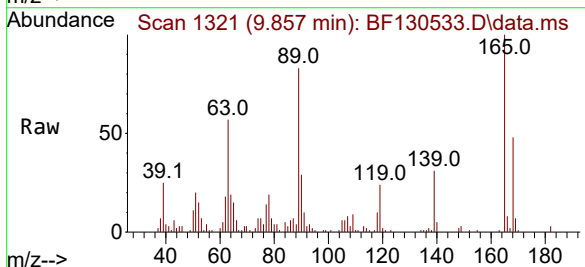
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

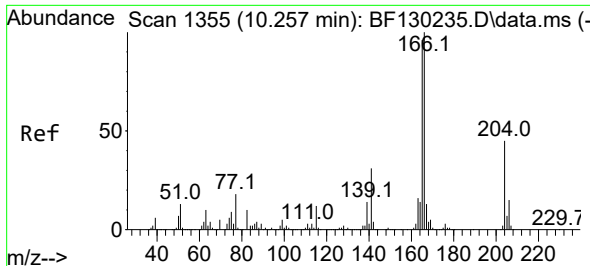
Tgt Ion:139 Resp: 16301
Ion Ratio Lower Upper
139 100
109 84.4 72.2 112.2
65 112.7 97.7 137.7



#57
2,4-Dinitrotoluene
Concen: 9.585 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:165 Resp: 22125
Ion Ratio Lower Upper
165 100
63 56.7 44.7 67.1
89 83.3 69.0 103.4
182 2.7 1.9 2.9

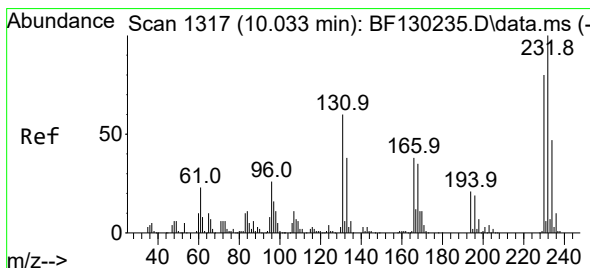
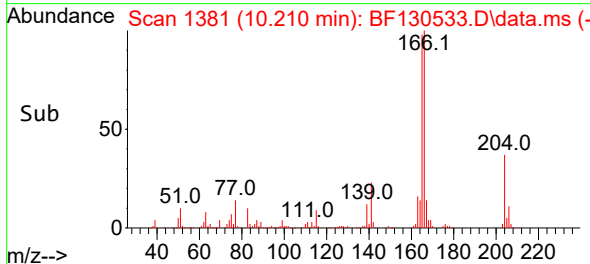
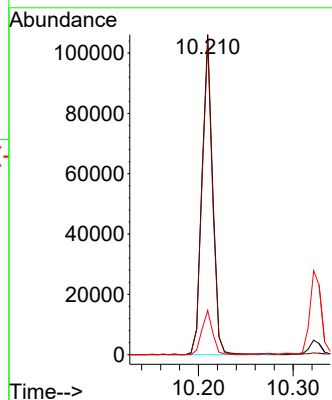
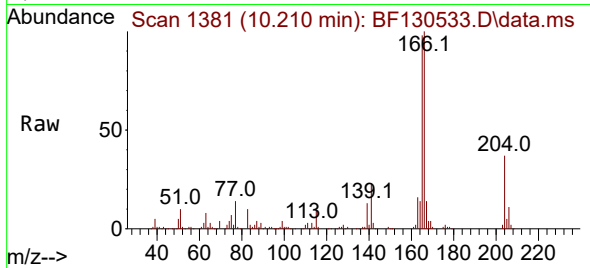




#58
Fluorene
Concen: 9.751 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

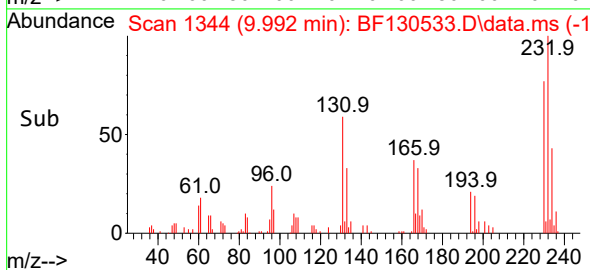
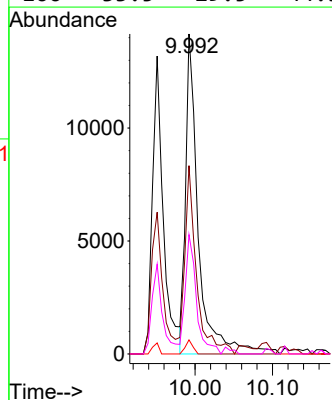
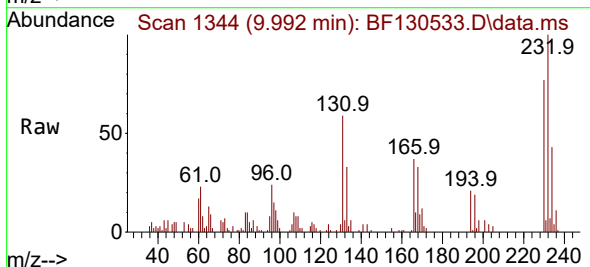
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

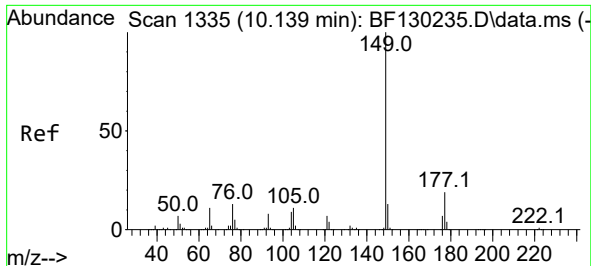
Tgt Ion:166 Resp: 82537
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.8 10.6 15.8



#59
2,3,4,6-Tetrachlorophenol
Concen: 8.022 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:232 Resp: 16136
Ion Ratio Lower Upper
232 100
131 54.4 46.4 69.6
130 2.5 2.3 3.5
166 33.5 29.5 44.3

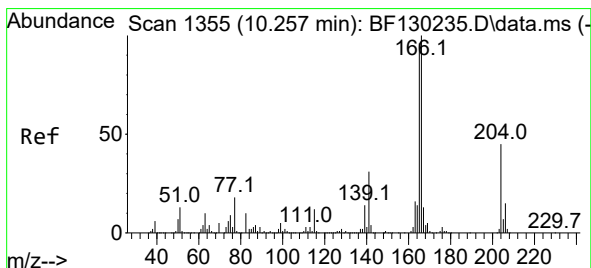
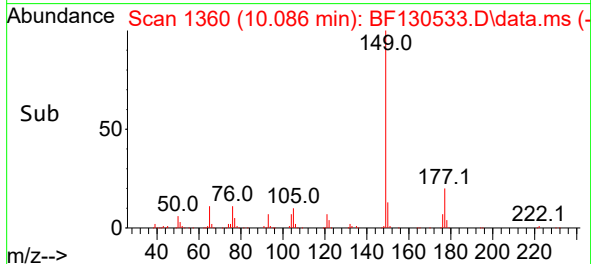
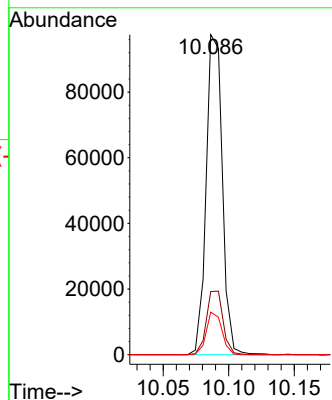
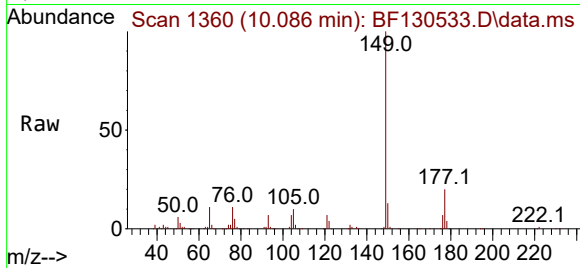




#60
Diethylphthalate
Concen: 9.704 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

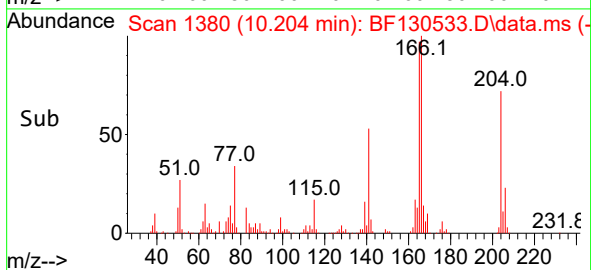
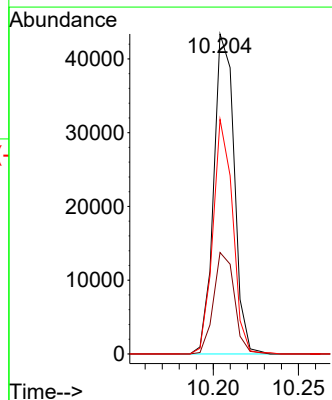
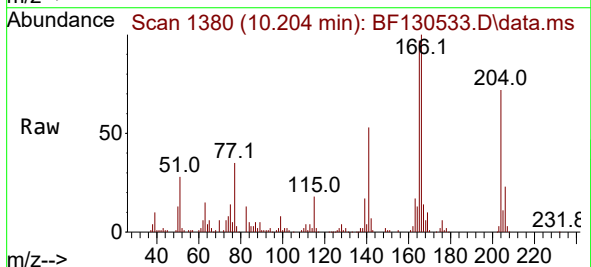
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

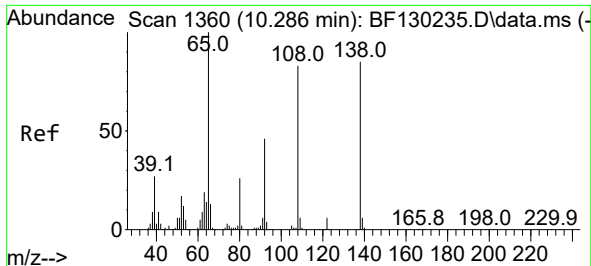
Tgt Ion:149 Resp: 84041
Ion Ratio Lower Upper
149 100
177 19.8 16.1 24.1
150 13.3 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 9.777 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:204 Resp: 36305
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 73.3 57.1 85.7

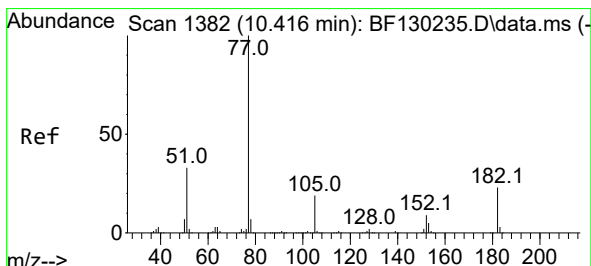
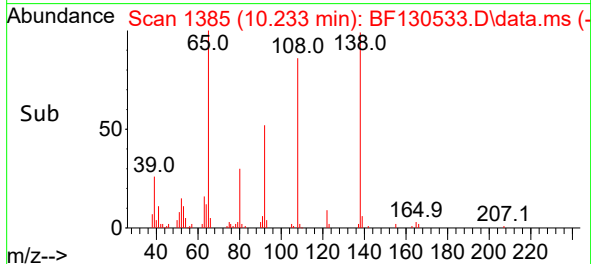
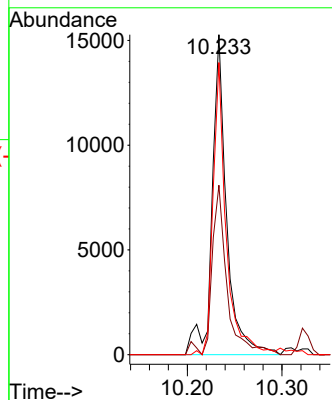
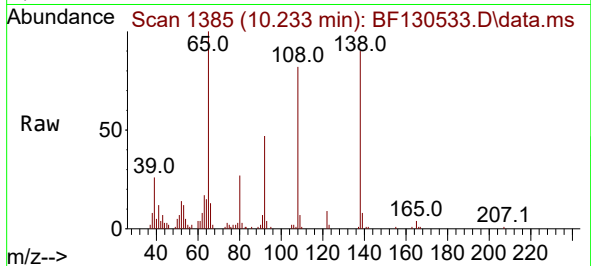




#62
4-Nitroaniline
Concen: 8.023 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

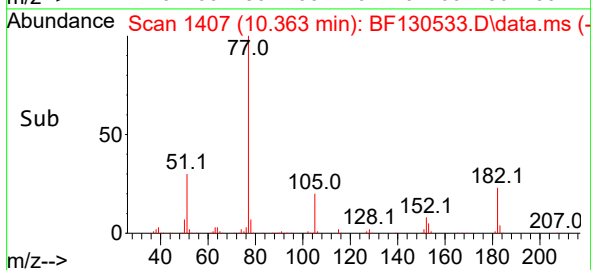
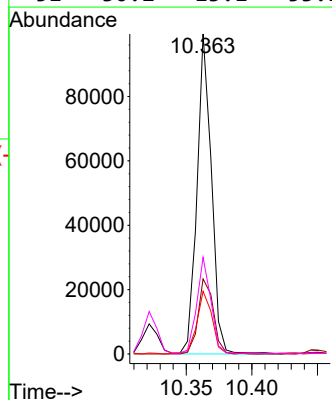
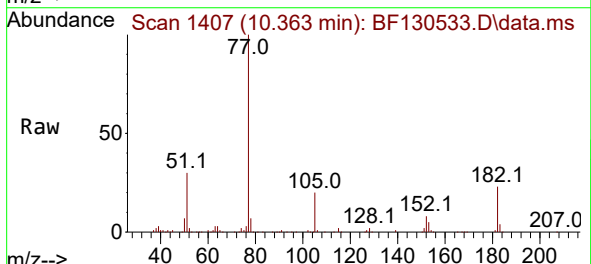
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

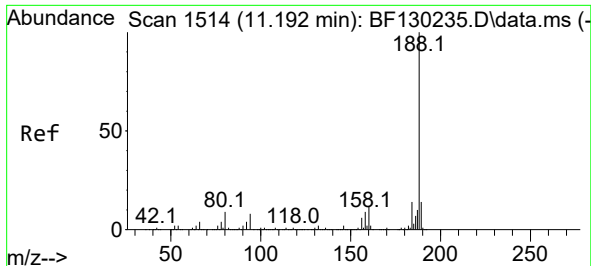
Tgt Ion:138 Resp: 16221
Ion Ratio Lower Upper
138 100
92 53.0 36.7 76.7
108 91.3 78.2 118.2



#63
Azobenzene
Concen: 8.570 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion: 77 Resp: 76424
Ion Ratio Lower Upper
77 100
182 23.5 2.1 42.1
105 19.6 0.0 39.4
51 30.2 13.1 53.1

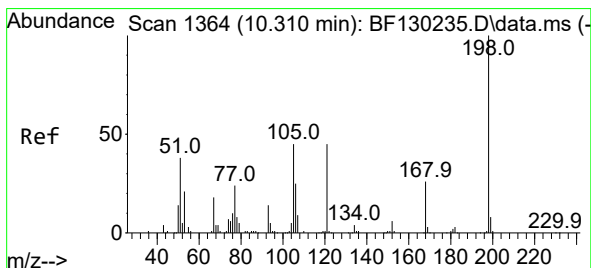
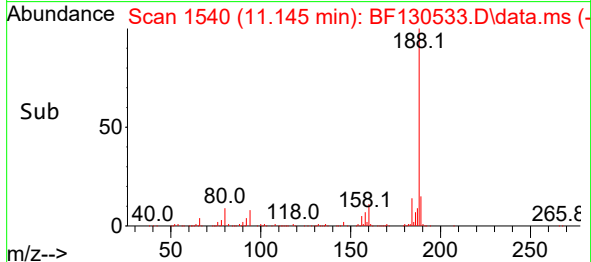
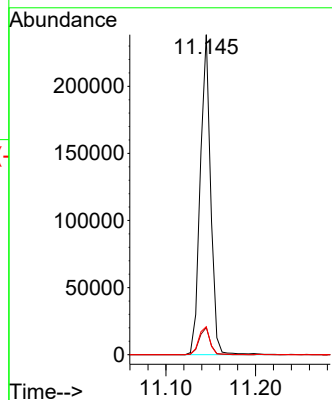
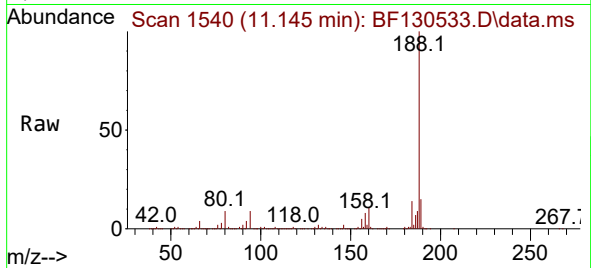




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

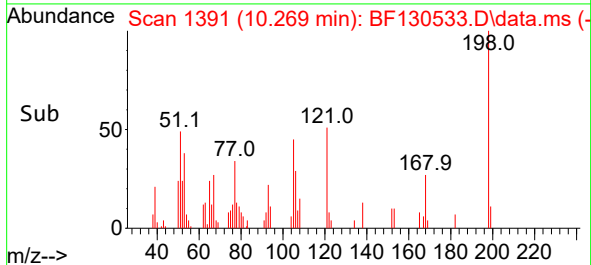
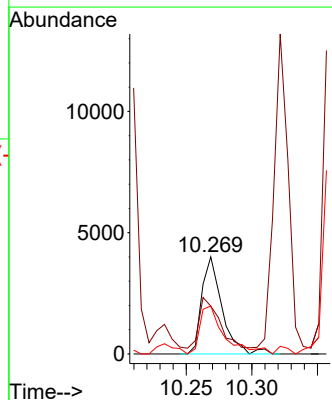
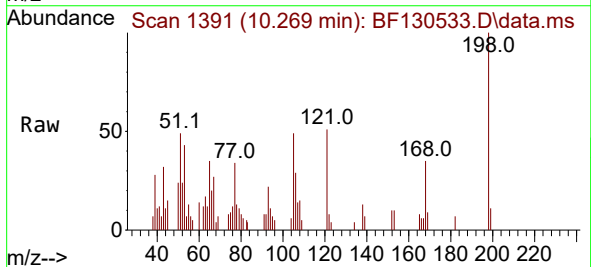
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

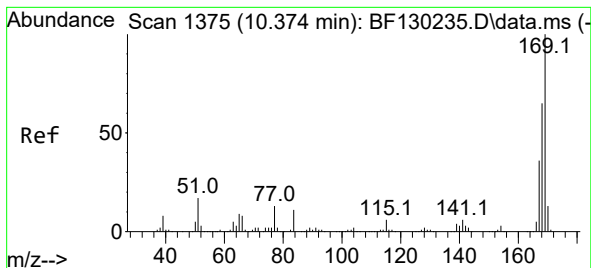
Tgt Ion:188 Resp: 191082
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 4.053 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:198 Resp: 4311
Ion Ratio Lower Upper
198 100
51 49.3 36.9 76.9
105 49.5 33.0 73.0

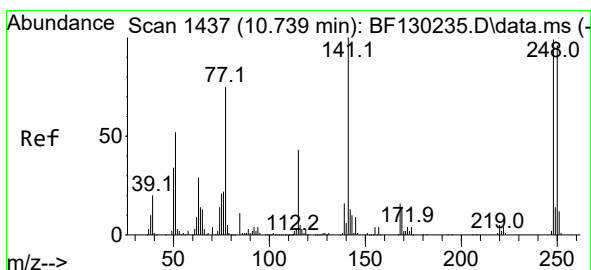
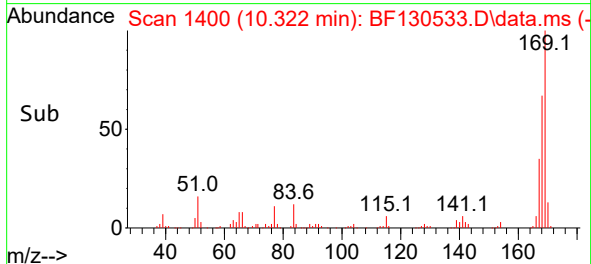
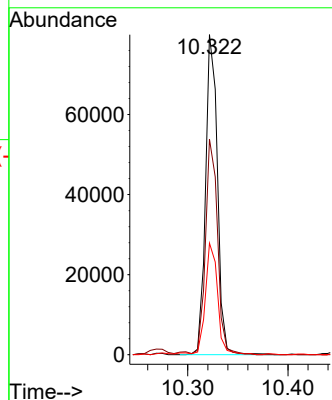
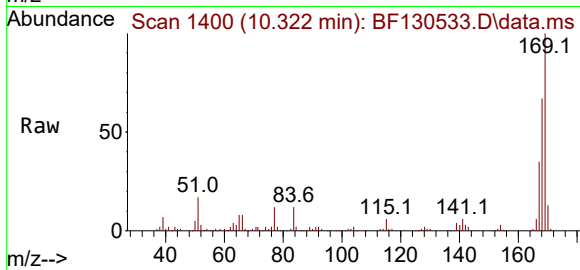




#66
n-Nitrosodiphenylamine
Concen: 10.349 ng
RT: 10.322 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

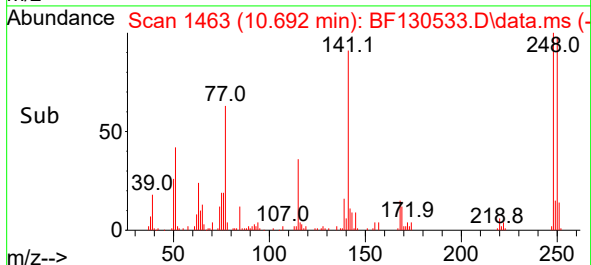
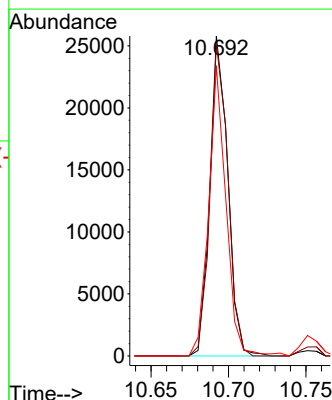
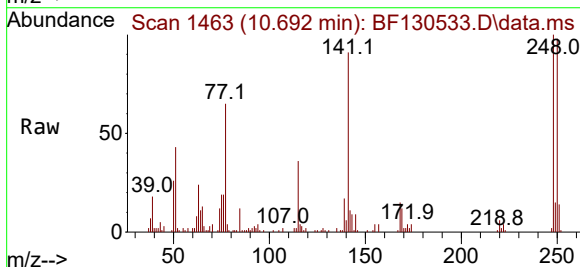
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

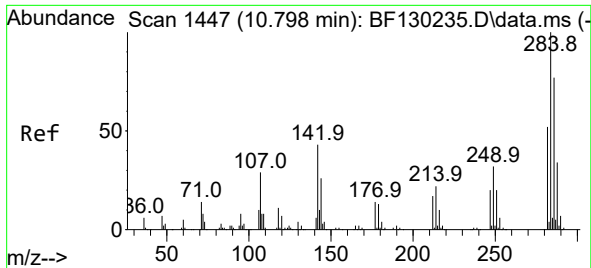
Tgt Ion:169 Resp: 66081
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 34.8 29.2 43.8



#67
4-Bromophenyl-phenylether
Concen: 9.844 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

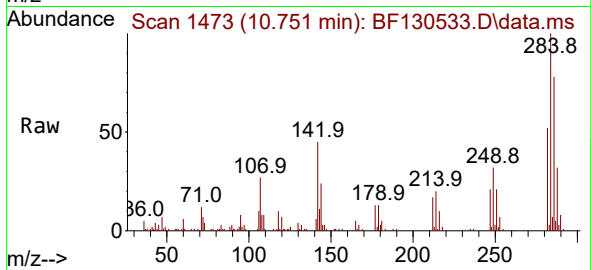
Tgt Ion:248 Resp: 20751
Ion Ratio Lower Upper
248 100
250 97.6 80.0 120.0
141 90.7 68.5 102.7



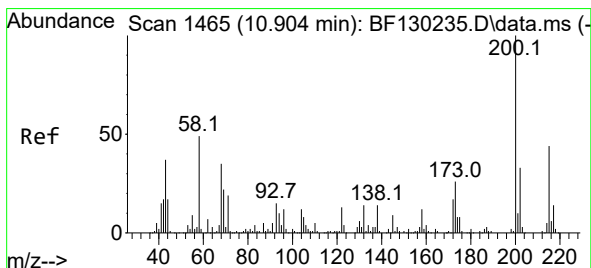
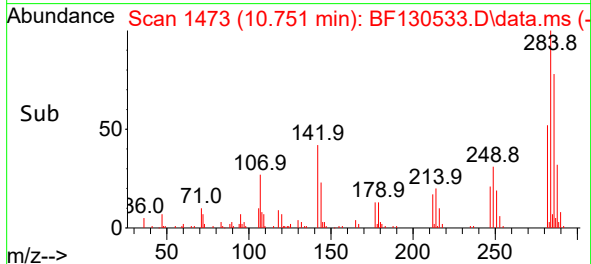
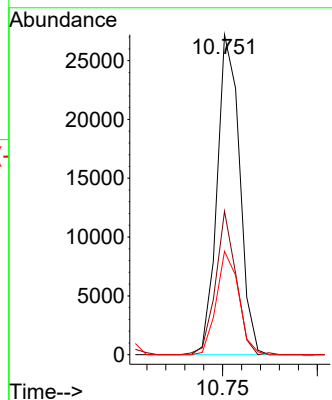


#68
Hexachlorobenzene
Concen: 9.414 ng
RT: 10.751 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

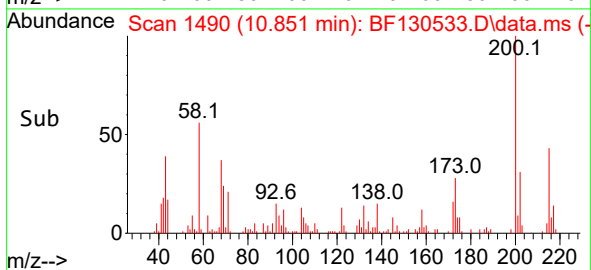
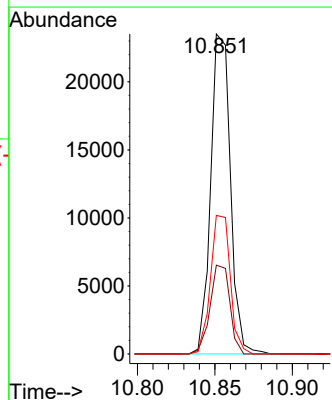
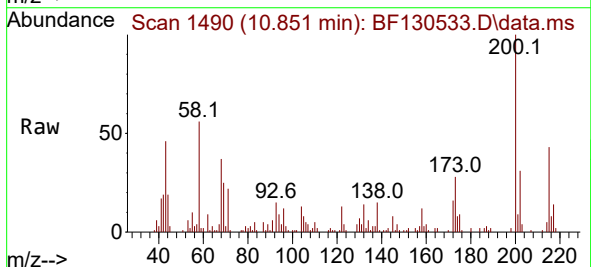


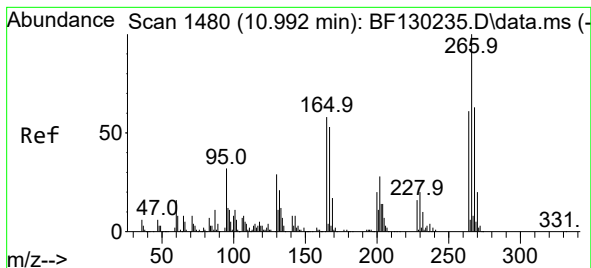
Tgt Ion:284 Resp: 22494
Ion Ratio Lower Upper
284 100
142 44.8 27.2 40.8#
249 32.3 23.8 35.8



#69
Atrazine
Concen: 11.161 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:200 Resp: 20827
Ion Ratio Lower Upper
200 100
173 27.8 6.2 46.2
215 43.3 22.5 62.5





#70

Pentachlorophenol

Concen: 11.495 ng

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

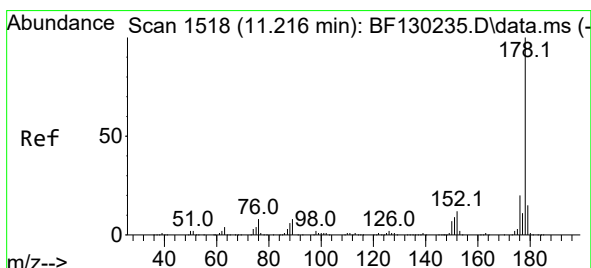
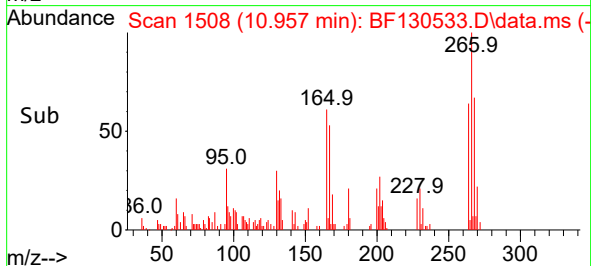
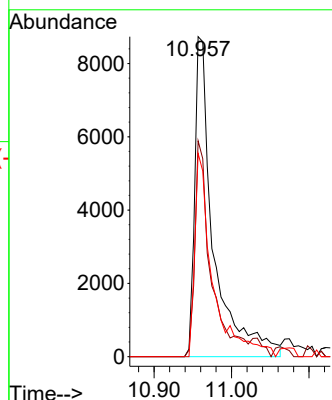
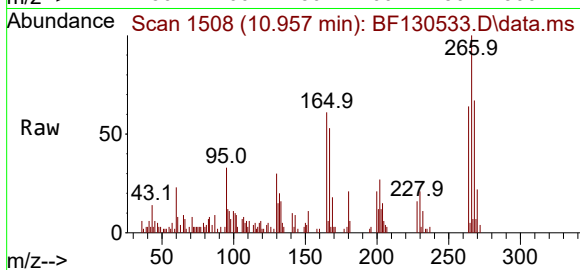
Tgt Ion:266 Resp: 14741

Ion Ratio Lower Upper

266 100

268 67.5 50.5 75.7

264 63.5 50.5 75.7



#71

Phenanthrene

Concen: 14.152 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

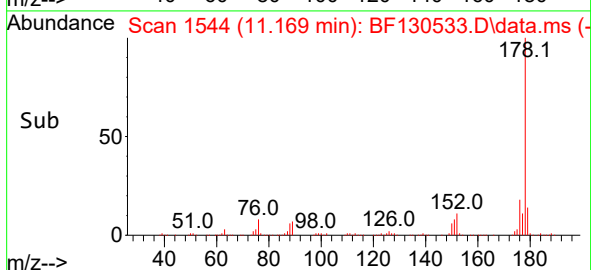
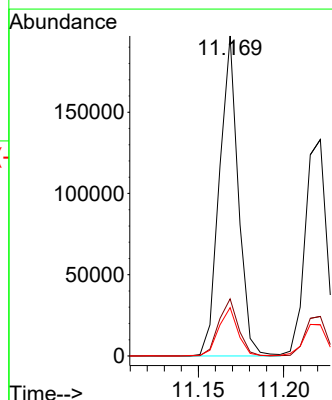
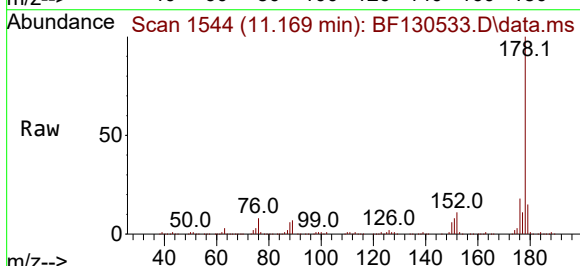
Tgt Ion:178 Resp: 151821

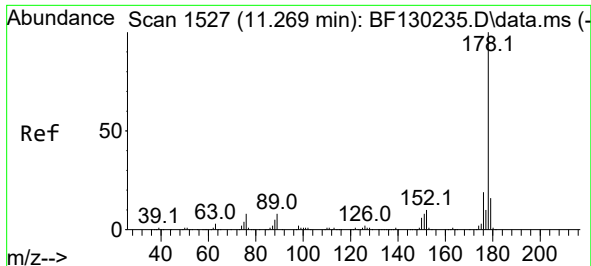
Ion Ratio Lower Upper

178 100

176 17.9 15.4 23.0

179 15.1 12.4 18.6

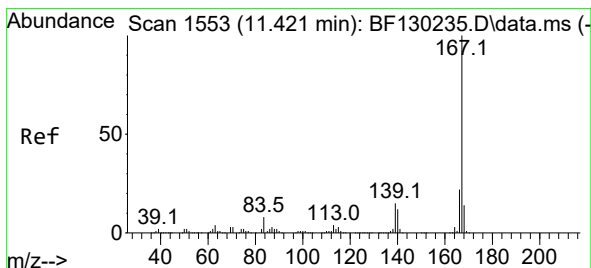
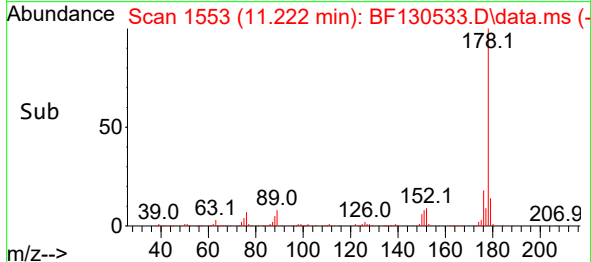
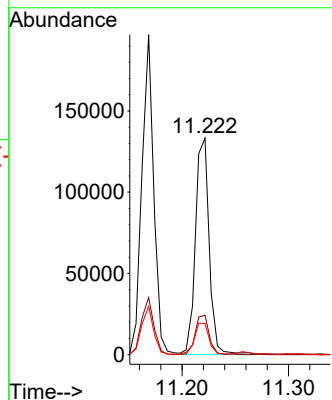
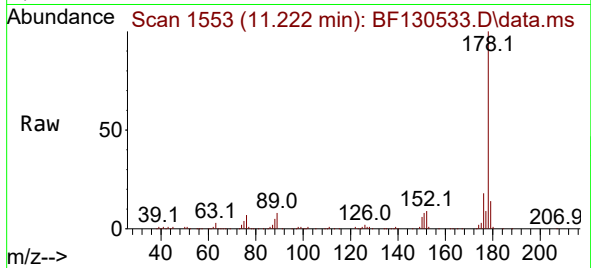




#72
 Anthracene
 Concen: 11.526 ng
 RT: 11.222 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

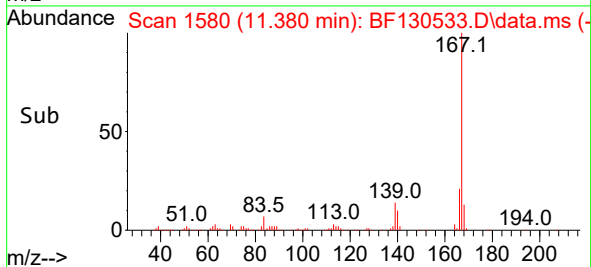
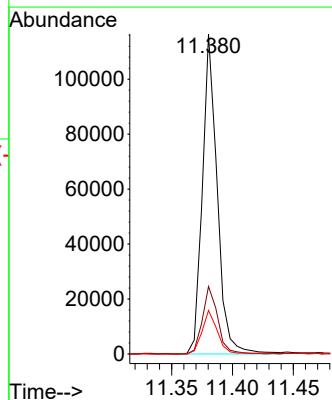
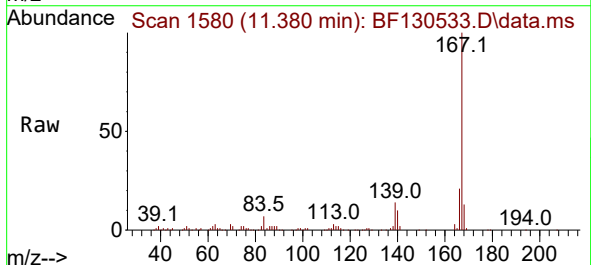
Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD

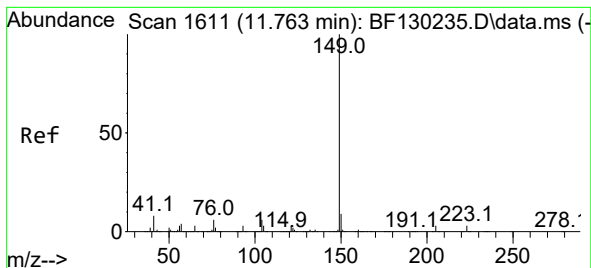
Tgt Ion:178 Resp: 119325
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.6
 179 14.4 12.7 19.1



#73
 Carbazole
 Concen: 10.565 ng
 RT: 11.380 min Scan# 1580
 Delta R.T. -0.006 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

Tgt Ion:167 Resp: 98709
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.2
 139 13.6 11.6 17.4





#74

Di-n-butylphthalate

Concen: 14.157 ng

RT: 11.716 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

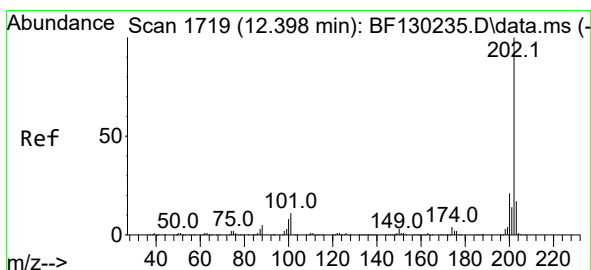
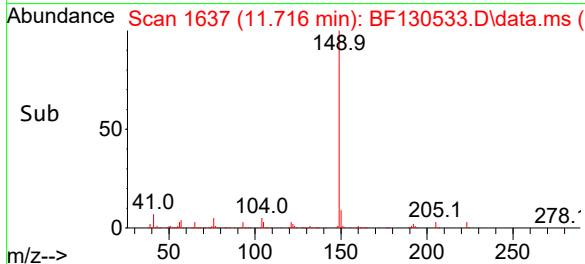
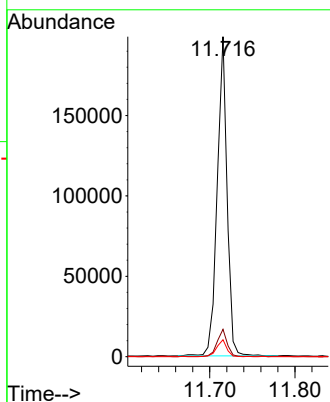
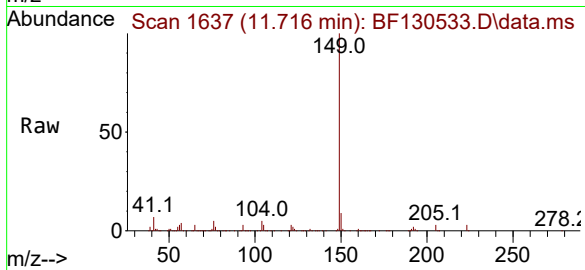
Tgt Ion:149 Resp: 159512

Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.2

104 5.3 4.8 7.2



#75

Fluoranthene

Concen: 22.766 ng

RT: 12.351 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

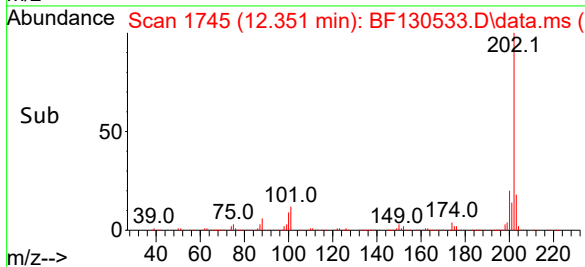
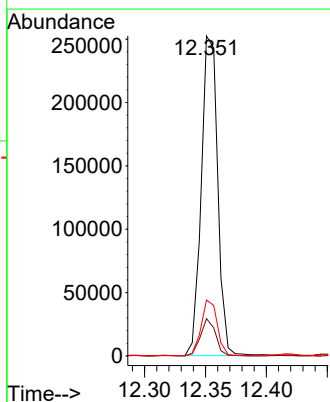
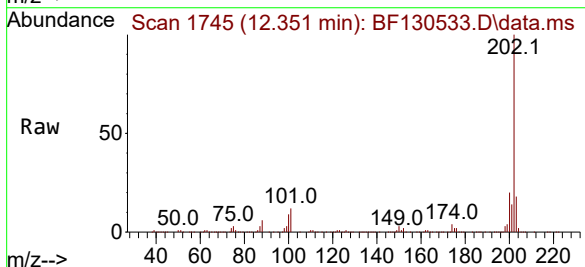
Tgt Ion:202 Resp: 236005

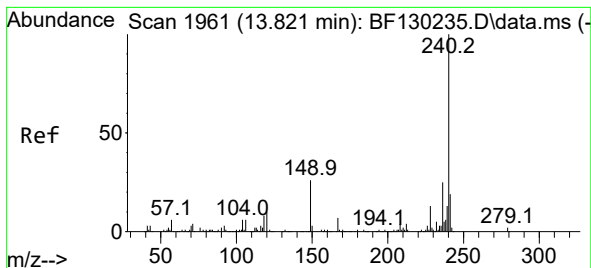
Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.8

203 17.5 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

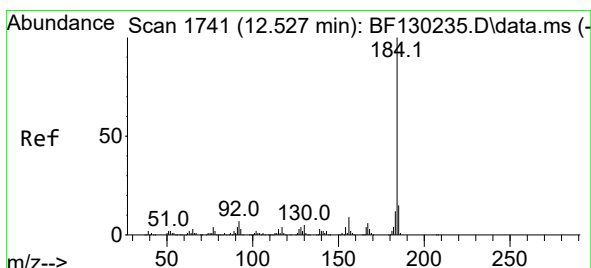
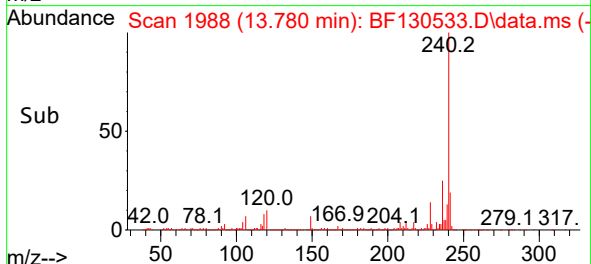
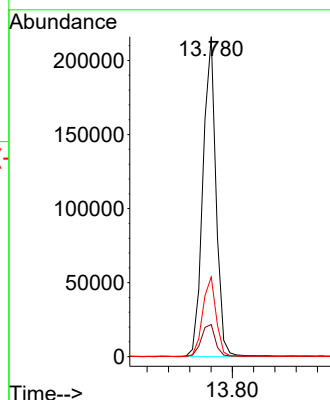
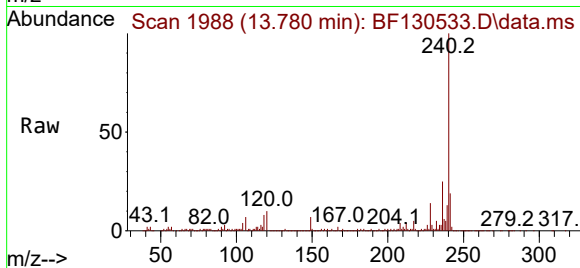
Tgt Ion:240 Resp: 185675

Ion Ratio Lower Upper

240 100

120 10.0 8.7 13.1

236 24.9 20.9 31.3



#77

Benidine

Concen: 6.732 ng

RT: 12.486 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

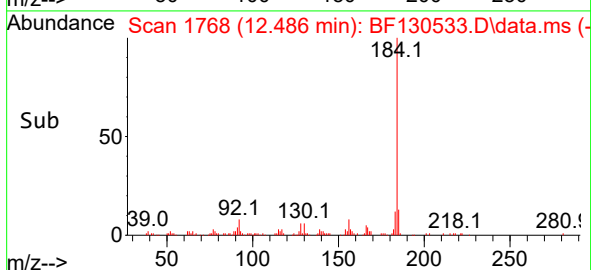
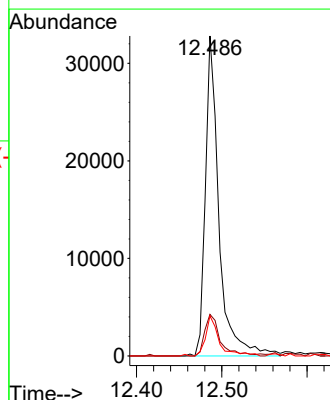
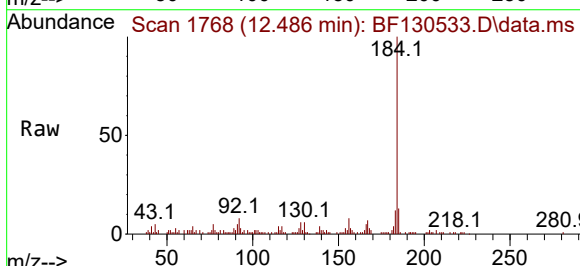
Tgt Ion:184 Resp: 36284

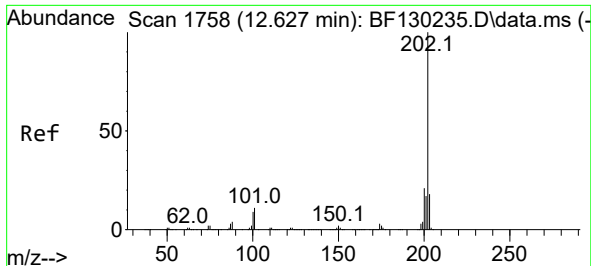
Ion Ratio Lower Upper

184 100

185 13.0 11.8 17.6

183 12.5 9.1 13.7

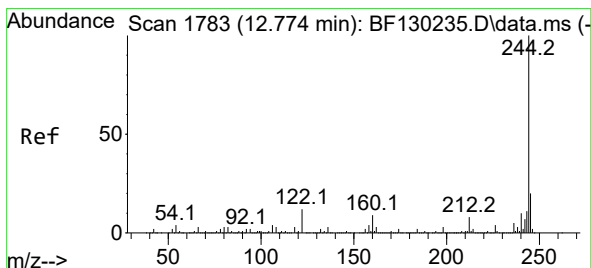
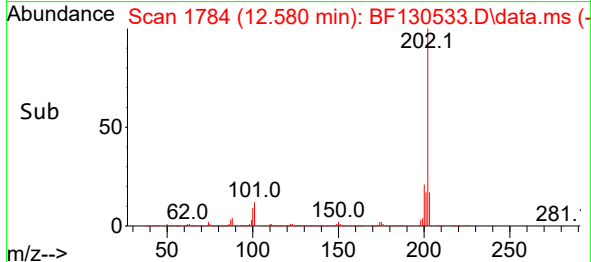
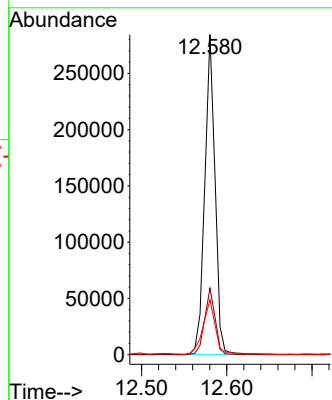
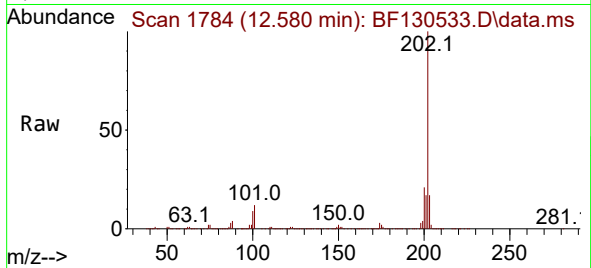




#78
 Pyrene
 Concen: 14.652 ng
 RT: 12.580 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

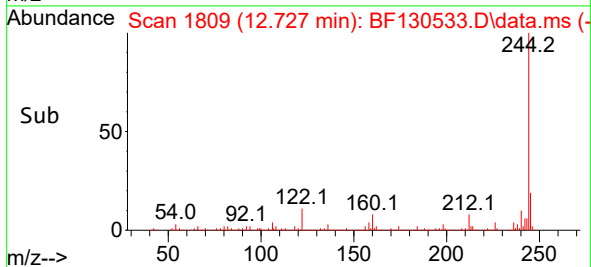
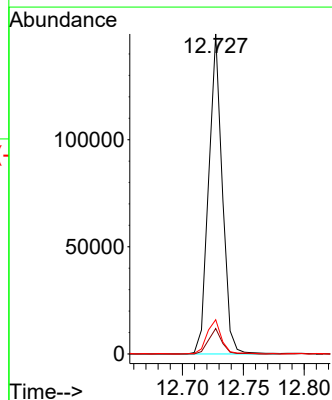
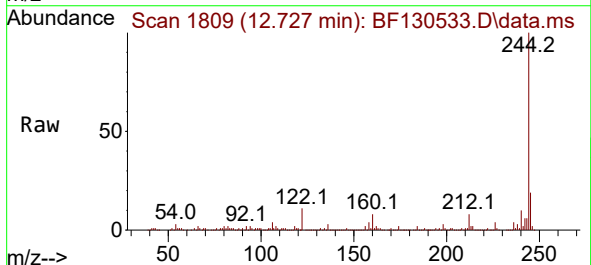
Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD

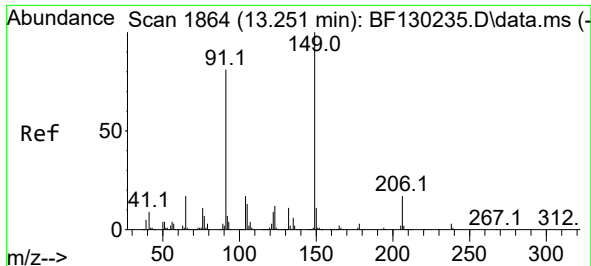
Tgt Ion:202 Resp: 237987
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.2 25.8
 203 17.2 14.3 21.5



#79
 Terphenyl-d14
 Concen: 10.355 ng
 RT: 12.727 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

Tgt Ion:244 Resp: 116064
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 10.7 8.5 12.7

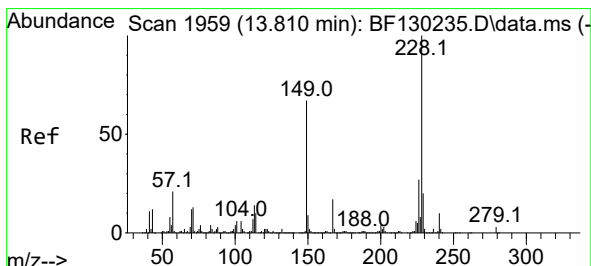
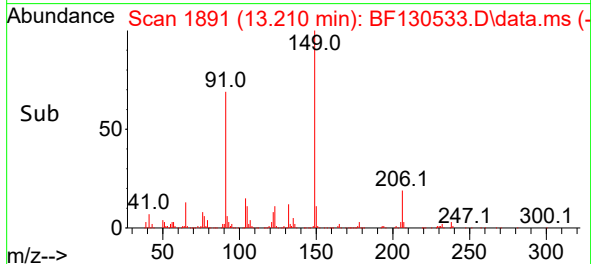
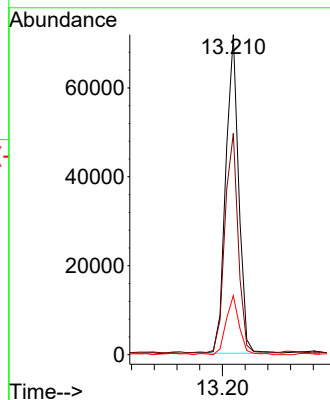
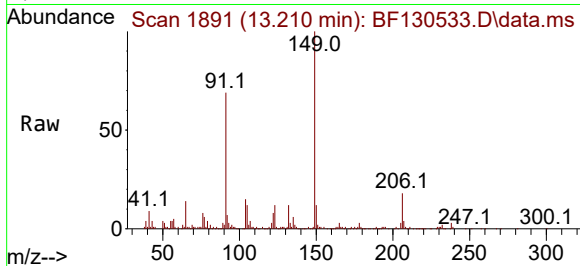




#80
Butylbenzylphthalate
Concen: 9.459 ng
RT: 13.210 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

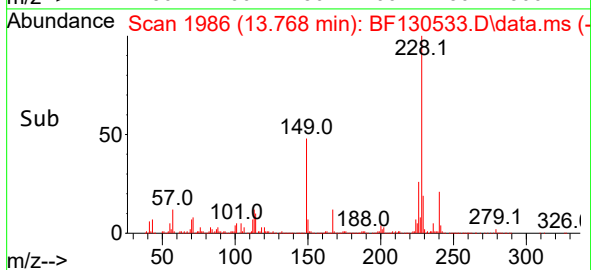
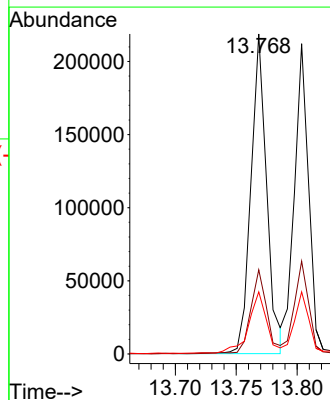
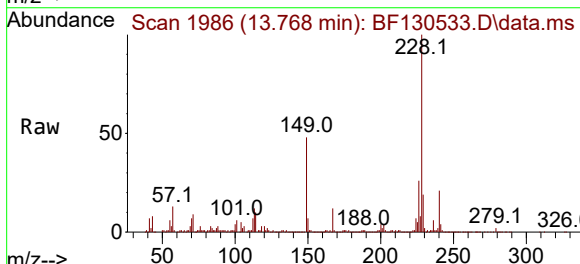
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

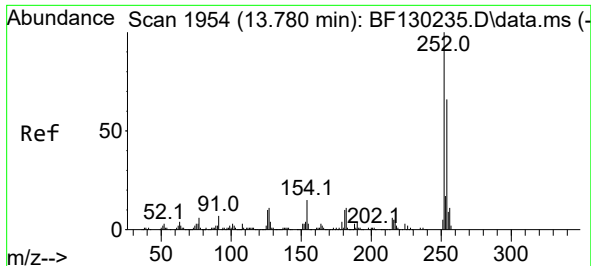
Tgt Ion:	149	Resp:	56917
Ion Ratio	Lower	Upper	
149	100		
91	69.1	59.8	89.8
206	18.4	13.9	20.9



#81
Benzo(a)anthracene
Concen: 15.918 ng
RT: 13.768 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:	228	Resp:	196616
Ion Ratio	Lower	Upper	
228	100		
226	26.3	21.9	32.9
229	19.4	16.1	24.1

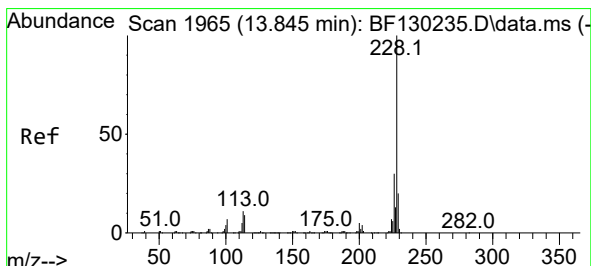
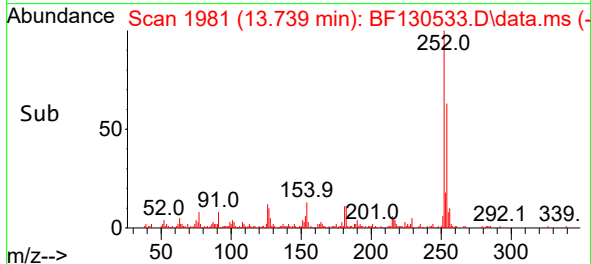
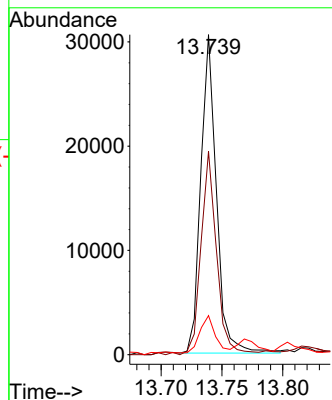
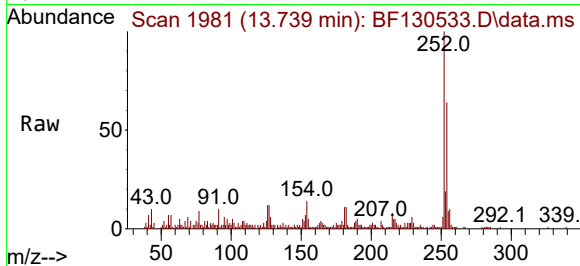




#82
 3,3'-Dichlorobenzidine
 Concen: 8.140 ng
 RT: 13.739 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

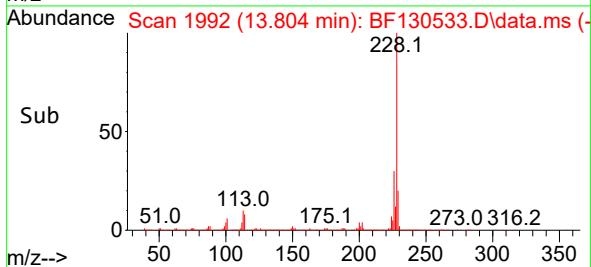
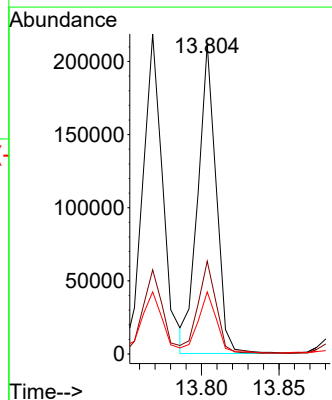
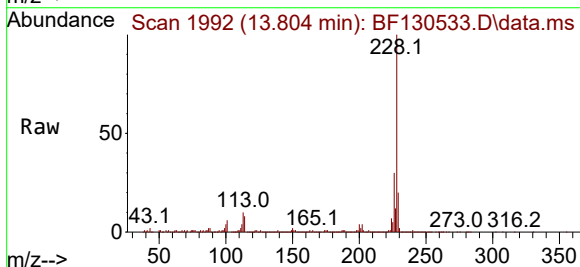
Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD

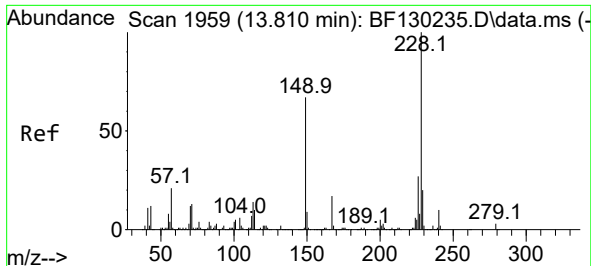
Tgt Ion:252 Resp: 27370
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.1 76.7
 126 12.2 10.4 15.6



#83
 Chrysene
 Concen: 14.738 ng
 RT: 13.804 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

Tgt Ion:228 Resp: 172852
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.8 35.8
 229 20.0 15.3 22.9

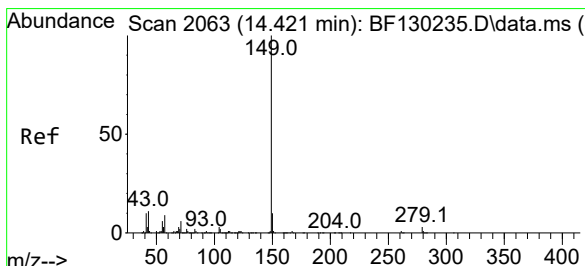
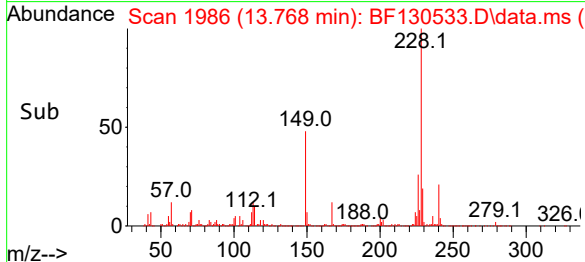
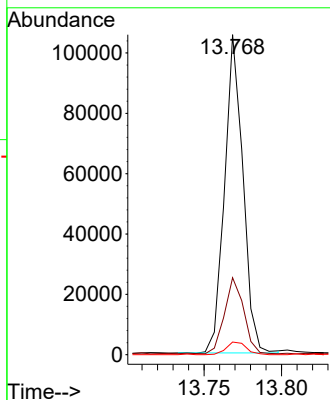
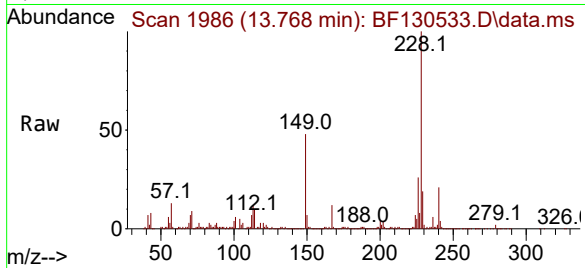




#84
Bis(2-ethylhexyl)phthalate
Concen: 12.609 ng
RT: 13.768 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

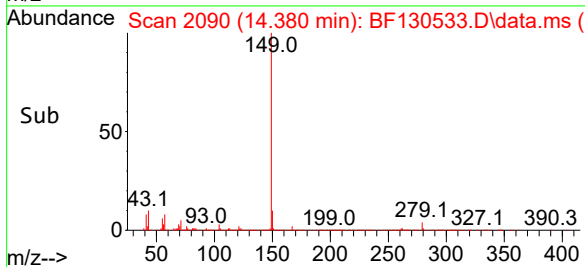
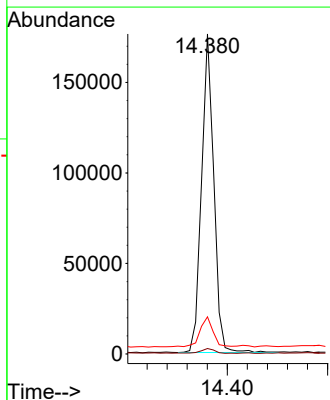
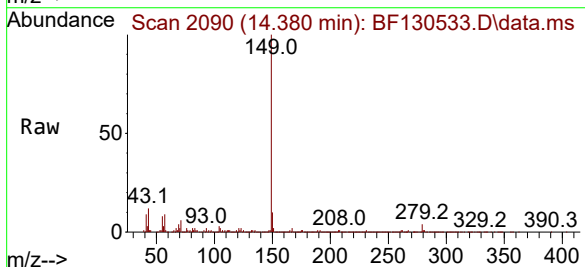
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

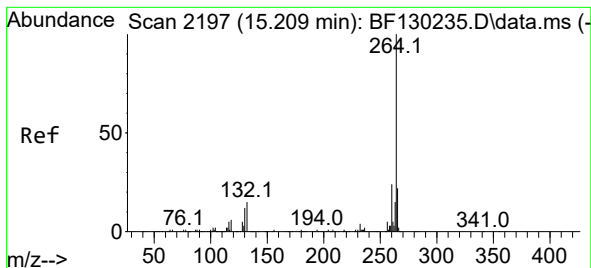
Tgt Ion:149 Resp: 86910
Ion Ratio Lower Upper
149 100
167 24.1 20.5 30.7
279 3.9 2.9 4.3



#85
Di-n-octyl phthalate
Concen: 14.201 ng
RT: 14.380 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:149 Resp: 149706
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 9.7 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.168 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PAT-01-100322MSD

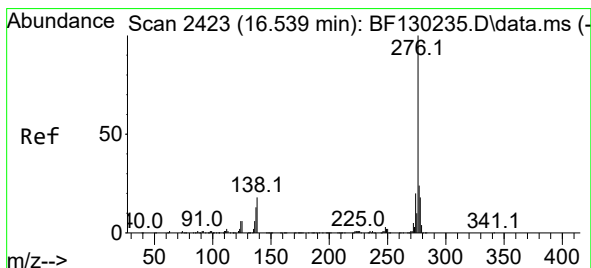
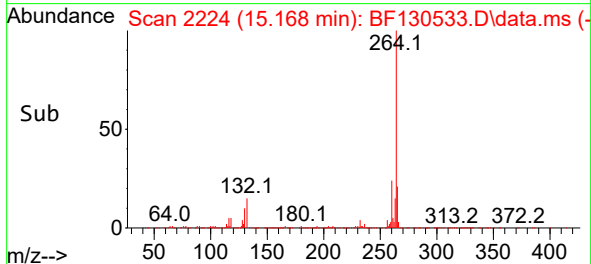
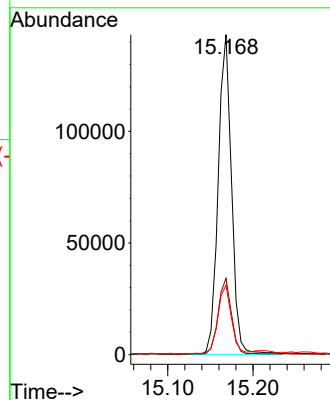
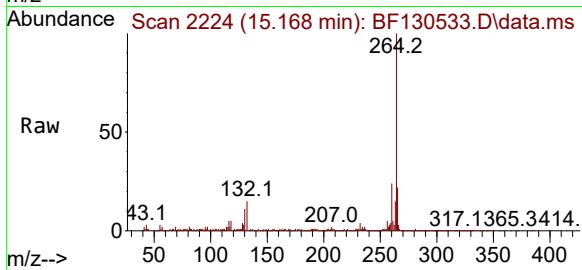
Tgt Ion:264 Resp: 155738

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.7 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 9.381 ng

RT: 16.480 min Scan# 2447

Delta R.T. -0.000 min

Lab File: BF130533.D

Acq: 05 Oct 2022 17:04

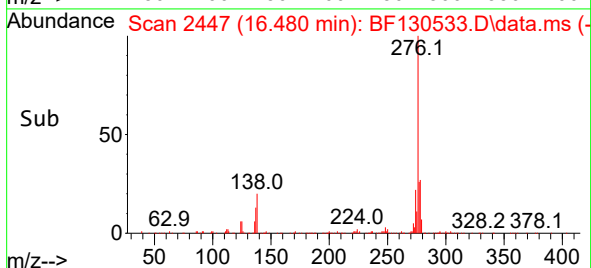
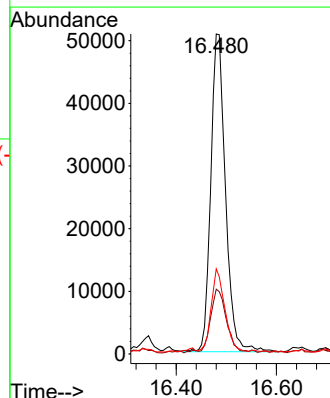
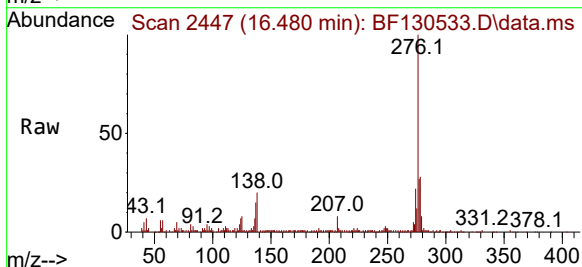
Tgt Ion:276 Resp: 103609

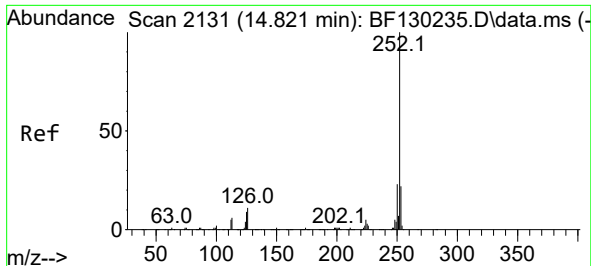
Ion Ratio Lower Upper

276 100

138 21.7 18.5 27.7

277 23.8 20.2 30.4

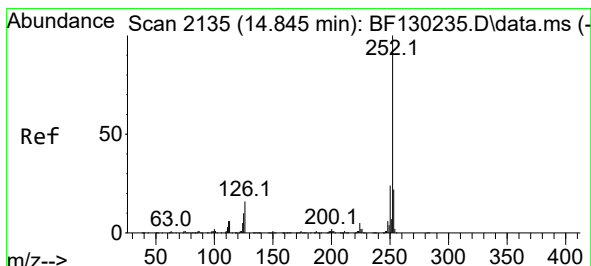
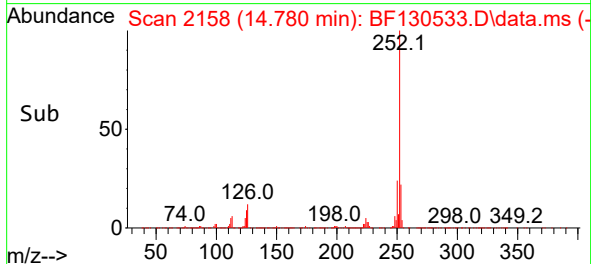
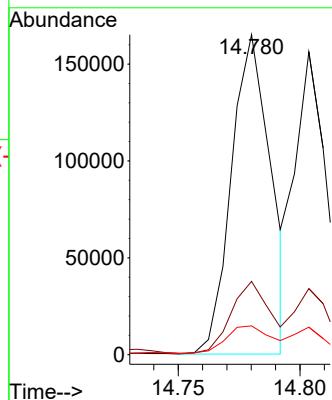
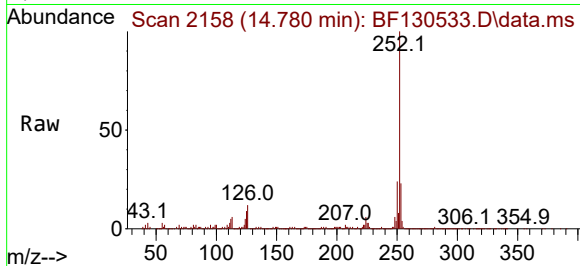




#88
Benzo(b)fluoranthene
Concen: 18.226 ng
RT: 14.780 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

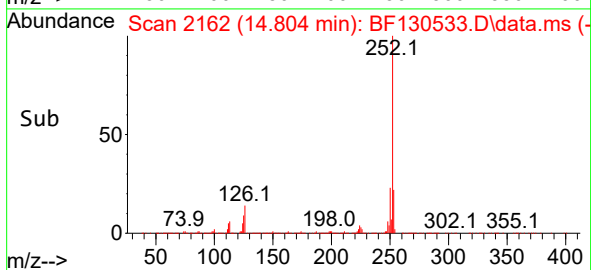
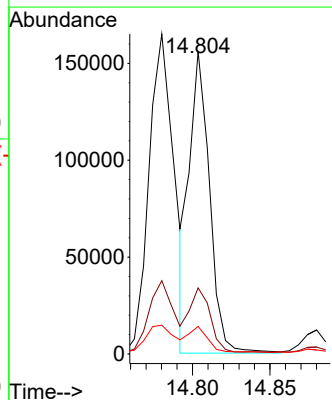
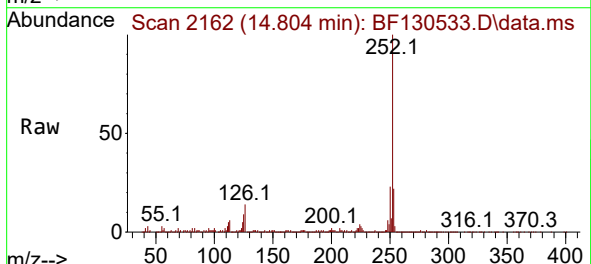
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

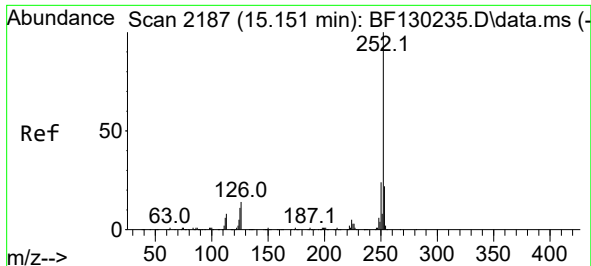
Tgt Ion:252 Resp: 185267
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.0 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 14.141 ng
RT: 14.804 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

Tgt Ion:252 Resp: 141397
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.1 7.9 11.9

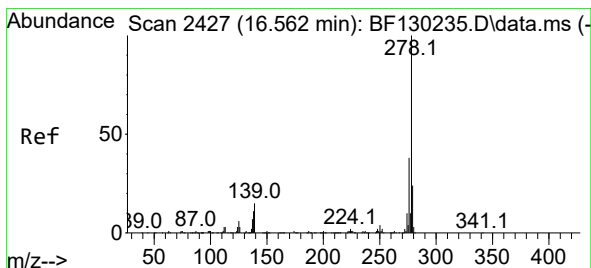
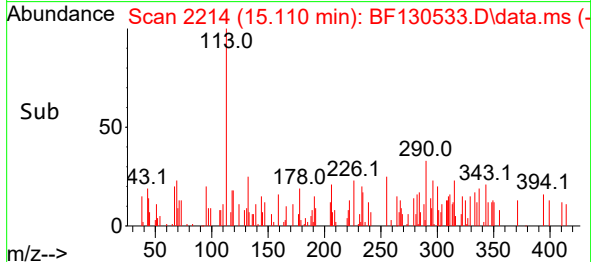
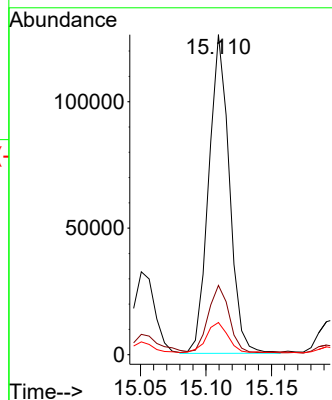
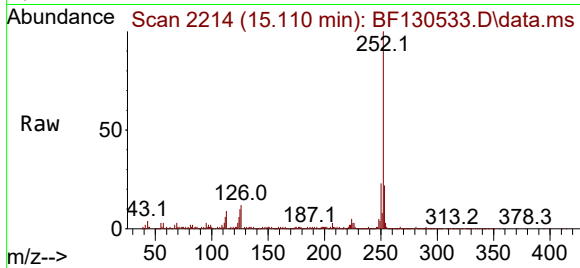




#90
Benzo(a)pyrene
Concen: 17.140 ng
RT: 15.110 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

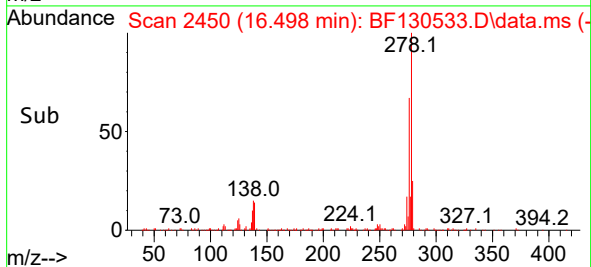
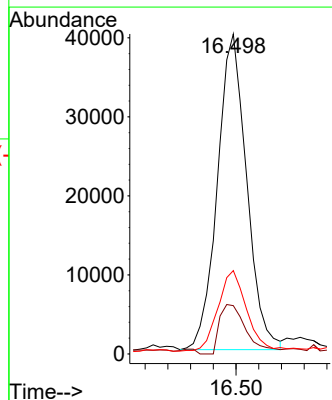
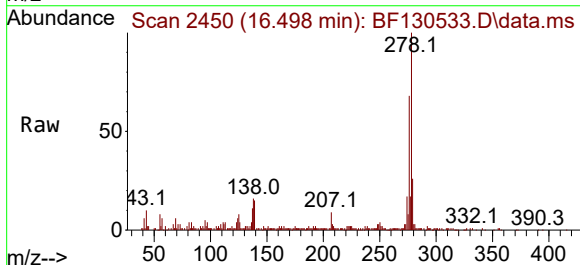
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

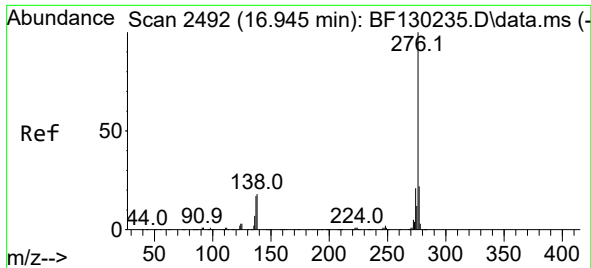
Tgt Ion:252 Resp: 138026
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.0 9.0 13.6



#91
Dibenzo(a,h)anthracene
Concen: 7.895 ng
RT: 16.498 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BF130533.D
Acq: 05 Oct 2022 17:04

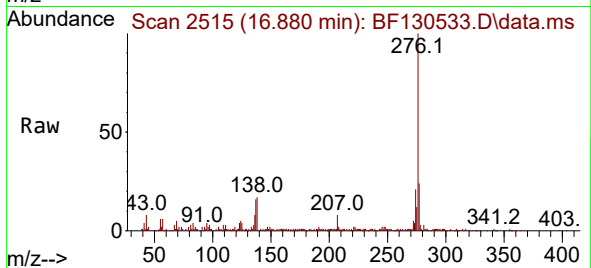
Tgt Ion:278 Resp: 71525
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.8
279 26.1 19.4 29.0





#92
 Benzo(g,h,i)perylene
 Concen: 9.324 ng
 RT: 16.880 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130533.D
 Acq: 05 Oct 2022 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322MSD



Tgt Ion:276	Resp:	85100
Ion Ratio	Lower	Upper
276	100	
277	23.5	18.6 27.8
138	16.8	14.6 21.8

